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# 1988 Virginia Traffic Crash Facts

Virginia Department of Motor Vehicles
Richmond, Virginia

# Commissioner's Message

Dear Reader,

The Virginia Department of Motor Vehicles is pleased to present the 1988 edition of **Virginia Traffic Crash Facts.** Published annually, it provides a comprehensive view of traffic crashes and causes in Virginia and can be a valuable tool in problem identification, education and community activities.

This publication is the result of the cooperative efforts of the Virginia Department of Motor Vehicles, the Virginia State Police and Virginia Department of Transportation.

I hope you will find the information useful. Any comments you may have about the information or format are welcome.

Sincerely,

Donald E. Williams
Commissioner

# Table of Contents


| | Page |
|---|---|
| **Glossary** | iii |
| **1988 Quick Facts About Virginia** | 1 |
| **Virginia Crashes: 1988** | |
| Statewide | 2 |
| Monthly Crash Data | 2 |
| Looking Back | 2 |
| On the Average | 2 |
| Speeding | 2 |
| Cumulative Mileage Death Rate | 2 |
| Crash Vehicles | 2 |
| Important Circumstances | 3 |
| Occupation of Driver | 3 |
| Crashes by Hour and Day | 3 |
| Age and Sex of Persons Killed | 5 |
| Age and Sex of Persons Injured | 6 |
| DMV Districts | 7 |
| Counties | 8 |
| Cities | 10 |
| Towns | 11 |
| **Virginia Driving Trends:** | |
| Summary: 1979-1988 | 15 |
| Death Rate | 15 |
| Vehicles Registered | 15 |
| Gasoline Consumption | 15 |
| Vehicular Mileage | 15 |
| Crashes | 15 |
| Injuries | 15 |
| Fatalities | 15 |
| Alcohol-Related Crashes | 15 |
| Alcohol-Related Fatalities | 15 |
| Alcohol-Related Injuries | 15 |
| Deaths on Major Holidays | 15 |
| Leading Death Causes: 1987 | 15 |
| Monthly Crashes/Fatalities/Injuries | 16 |
| Economic Cost: 1983-1987 | 16 |
| **Virginia Crash Summaries: 1988** | |
| Fatalities, Injuries, Crashes, Driver Action, Drinking Condition, Physical Condition, Age, Sex, Vehicle Action, Defect, Environment, Weather, Light, Traffic Controls | |
| Virginia Crashes | 17 |
| Virginia Fatalities | 19 |
| Alcohol | 21 |
| Automobiles | 27 |
| Bicycles | 29 |
| Buses | 31 |
| Mopeds | 33 |
| Motorcycles | 35 |
| Motorhomes/Recreational Vehicles | 37 |
| Pedestrians | 39 |
| Pickups and Passenger Trucks | 41 |
| Safety Belts/Child Safety Seats | 43 |
| School Buses | 45 |
| Trains/Vehicles | 47 |
| Straight Trucks | 49 |
| Tractor-Trailers | 51 |
| Tractor-Twin Trailers | 53 |
| Vans | 55 |

# Glossary

**Alcohol-related crash:** Crash where either a driver, bicyclist or pedestrian is listed on the police report as drinking before the crash.

**Alcohol-related fatality:** Person who dies within 30 days as a result of a traffic crash involving alcohol.

**Crash rate:** Number of crashes per 100 million vehicle miles, unless otherwise stated.

**Death rate per vehicle miles traveled:** Number of fatalities per 100 million vehicle miles.

**Death rate per drivers:** Number of fatalities per 1,000 Virginia licensed drivers.

**Fatal crash:** Crash which results in one or more fatalities.

**Fatality:** Person who dies within 30 days as a result of a traffic crash.

**Percentage:** Based on "known" totals within categories or actions. Does not include "unknown" or "not stated" data.

**Personal injury crash:** Crash which results in no fatalities but one or more persons are injured.

***Property damage crash:** Crash which results in no fatalities or injuries, but there is property damage of at least $750.

***Reportable traffic crash:** Crash on a public highway which involves death, injury or property damage in excess of $750.

**Vehicle miles traveled (VMT):** Total number of miles traveled on Virginia highways.

NOTE: Percentages on tables within documents are rounded and may not equal 100 percent.
*Effective July 1, 1988, cost of reportable property damage crashes has increased from $500 to $750.

# 1988 Quick Facts
# About Virginia

## General Facts

- 1,069 persons were killed, a 4.6 percent increase from 1987
- 77,735 persons were injured, a 2.97 percent decrease from 1987
- 144,319 traffic crashes were reported, a 0.79 percent decrease from 1987
- There were 4,146,101 licensed drivers, a 1.9 percent increase from 1987
- There were 57,004,000,000 vehicle miles traveled, a 4 percent increase from 1987
- There were 4,752,331 registered vehicles, a 2 percent increase from 1987

## Alcohol-Related Facts

- 522 persons were killed in alcohol-related crashes, a 24.9 percent increase from 1987*
- 14,172 persons were injured in alcohol-related crashed, a 5.6 percent decrease from 1987
- 64 teenagers, aged 15-19, were killed in alcohol-related crashes, or 6 percent of the total (1,069) traffic fatalities
- 2,338 teenagers, aged 15-19, were injured in alcohol-related crashes, or a 3 percent of the total (77,735) traffic injuries
- 40,189 persons were tested to determine blood alcohol content (BAC) of .10 percent or greater, a 0.4 percent decrease from 1987
- The average BAC of tested drinking drivers was .1633**
- 46,044 persons were arrested for driving under the influence (DUI), a 1.4 percent increase from 1987
- Of those arrested for DUI, 88 percent were male and 12 percent were female
- 88.5 percent of those arrested for DUI were convicted in 1987; 84.2 percent of those arrested for DUI were convicted in 1988

NOTE: *Medical examiner data used in addition to police reports to determine alcohol-related status.
**This includes an average of both breath and blood tests.

# What Happened on **Virginia Roads**

## In 1988:

| Months | Crashes | Fatal Crashes | Fatalities | Personal Injury Crashes | Injuries | Alcohol Related Crashes | Alcohol Related Fatalities | Alcohol Related Injuries |
|---|---|---|---|---|---|---|---|---|
| January | 12,139 | 54 | 59 | 3,894 | 5,465 | 1,351 | 30 | 970 |
| February | 10,011 | 49 | 56 | 3,322 | 4,822 | 1,266 | 34 | 916 |
| March | 11,688 | 60 | 73 | 4,119 | 5,950 | 1,513 | 32 | 1,090 |
| April | 11,949 | 80 | 88 | 4,282 | 6,347 | 1,554 | 37 | 1,161 |
| May | 13,379 | 94 | 103 | 4,812 | 7,096 | 1,595 | 47 | 1,181 |
| June | 12,123 | 84 | 92 | 4,414 | 6,573 | 1,398 | 39 | 1,209 |
| July | 11,782 | 97 | 109 | 4,709 | 7,099 | 1,500 | 54 | 1,207 |
| August | 11,802 | 89 | 96 | 4,846 | 7,034 | 1,503 | 48 | 1,284 |
| September | 11,599 | 105 | 110 | 4,596 | 6,857 | 1,556 | 65 | 1,298 |
| October | 13,297 | 93 | 102 | 5,134 | 7,574 | 1,722 | 45 | 1,439 |
| November | 12,418 | 82 | 93 | 4,460 | 6,575 | 1,495 | 46 | 1,186 |
| December | 12,132 | 82 | 88 | 4,382 | 6,343 | 1,631 | 45 | 1,231 |
| **Total** | **144,319** | **969** | **1,069** | **52,970** | **77,735** | **18,084** | **522** | **—14,172** |

## Looking Back

- fatalities have increased 4.60 percent over the past year
- injuries have decreased 2.97 percent over the past year
- crashes have decreased 0.79 percent over the past year
- Virginia's death rate has decreased 1.05 percent over the past year

## On the Average

- 1 crash every 3.65 minutes
- 1 driver out of every 15.68 licensed drivers was involved in a crash
- 2.92 lives lost per day because of traffic crashes
- 212.39 persons injured per day because of traffic crashes

## Speeding

| | All Crashes | Alcohol-Related Crashes | Alcohol-Related Crashes Percent |
|---|---|---|---|
| **Speed** | | | |
| Speed Limit Exceeded | 14,863 | 4,433 | 3.5 |
| Safe Speed Exceeded | 15,854 | 2,108 | 1.7 |
| No Violation | 95,706 | 8,556 | 6.8 |
| **Total** | **126,423** | **15,097** | **12.0** |
| **Not Stated** | **17,896** | **2,987** | |
| **Grand Total** | **144,319** | **18,084** | |

**Speed of Drivers**

- 2,826 drivers speeding 56-60 MPH at time of crash
- 2,021 drivers speeding 61-65 MPH at time of crash
- 690 drivers speeding 66-70 MPH at time of crash
- 809 drivers speeding over 70 MPH at time of crash

## Cumulative Mileage Death Rates

| | 1988 | 1987 | Percent Change |
|---|---|---|---|
| Motor Vehicle Traffic Deaths | 1,069 | 1,022 | +4.60 |
| Motor Vehicle Mileage Traveled (Millions) | 57,004.0* | 54,834.0 | +3.96 |
| Death Rate Per 100,000,000 Vehicle Miles | 1.88 | 1.90 | -1.05 |
| Fatal Crashes Rate Per 100,000,000 Vehicle Miles | 1.70 | 1.65 | +3.03 |

*Data for 1988 is estimated

## Crash Vehicles

| | Number | Percent |
|---|---|---|
| **Type of Crash** | | |
| Single Vehicle | 41,539 | 28.7 |
| Two Vehicles | 90,984 | 63.0 |
| Three Vehicles | 9,727 | 6.7 |
| Four Vehicles | 1,663 | 1.1 |
| Five or More | 406 | 0.2 |
| **Total Crashes** | **144,319** | **100.0** |

## Important Circumstances of Crashes

| | Percent Total Crashes | Percent Fatal Crashes |
|---|---|---|
| **Driver information, All Types of Crashes** | | |
| Driver Violated Traffic Law | 99.0 | 56.0 |
| Driver Violated Speed Law | 10.0 | 20.0 |
| Driver Drinking | 12.0 | 19.0 |
| Driver Defective | 4.0 | 6.0 |
| **Pedestrian Information, Pedestrian Crashes Only** | | |
| Pedestrian Violated Law | 96.0 | 93.0 |
| Pedestrian Drinking | 15.0 | 22.0 |
| Pedestrian Defective | 7.0 | 16.0 |
| **All Crashes** | | |
| Crashes Involving Defective Vehicle | 4.0 | 6.0 |

## Occupation of Driver

| | All Crashes | Fatal Crashes | Personal Injury Crashes | Property Damage Crashes |
|---|---|---|---|---|
| Students | 28,275 | 119 | 10,294 | 17,862 |
| Housewives and Domestic Servants | 10,345 | 47 | 4,069 | 6,229 |
| Professional and Business | 36,742 | 147 | 12,336 | 24,259 |
| Craftsmen and Foremen | 25,364 | 168 | 9,107 | 16,089 |
| Farmers and Farm Laborers | 1,154 | 19 | 422 | 713 |
| Sales and Clerical | 23,793 | 72 | 8,508 | 15,213 |
| Salesmen | 56 | 1 | 18 | 37 |
| Other Commercial | 16,672 | 147 | 5,869 | 10,656 |
| All Other Workers | 68,209 | 355 | 25,339 | 42,515 |
| All Others | 23,162 | 184 | 9,178 | 13,800 |
| Air Corps | 570 | 2 | 187 | 381 |
| Navy | 5,719 | 34 | 1,976 | 3,709 |
| Army | 1,264 | 8 | 459 | 797 |
| Marines | 576 | 6 | 199 | 371 |
| Not Stated | 19,600 | 146 | 7,525 | 11,929 |
| **Total Drivers** | **261,501** | **1,455** | **95,486** | **164,560** |

## Crashes by Hour and Day

| Fatal Crashes | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Total Crashes |
|---|---|---|---|---|---|---|---|---|
| Midnight to 12:59 A.M. | 6 | 5 | 3 | 2 | 9 | 12 | 8 | 45 |
| 1:00 A.M. to 1:59 A.M. | 5 | 1 | 4 | 9 | 5 | 16 | 19 | 59 |
| 2:00 A.M. to 2:59 A.M. | 3 | 2 | 3 | 2 | 8 | 14 | 7 | 39 |
| 3:00 A.M. to 3:59 A.M. | 2 | 4 | 2 | 1 | 1 | 5 | 11 | 26 |
| 4:00 A.M. to 4:59 A.M. | 2 | 1 | 2 | 4 | 1 | 4 | 4 | 18 |
| 5:00 A.M. to 5:59 A.M. | 2 | 1 | | 4 | 2 | 6 | 5 | 20 |
| 6:00 A.M. to 6:59 A.M. | 9 | 9 | 4 | 7 | 2 | 4 | 2 | 37 |
| 7:00 A.M. to 7:59 A.M. | 3 | 3 | 4 | 5 | 4 | 6 | 2 | 27 |
| 8:00 A.M. to 8:59 A.M. | 5 | 4 | 1 | 3 | 2 | 6 | 2 | 23 |
| 9:00 A.M. to 9:59 A.M. | 2 | 2 | 4 | 3 | 3 | 4 | 4 | 22 |
| 10:00 A.M. to 10:59 A.M. | 2 | 4 | 1 | 2 | 5 | 4 | 1 | 19 |
| 11:00 A.M. to 11:59 A.M. | 2 | 4 | 4 | 3 | 3 | 9 | 5 | 30 |
| Noon to 12:59 P.M. | 5 | 6 | 4 | 5 | 5 | 8 | 5 | 38 |
| 1:00 P.M. to 1:59 P.M. | 5 | 4 | 1 | 4 | 9 | 8 | 5 | 36 |
| 2:00 P.M. to 2:59 P.M. | 3 | 5 | 2 | 5 | 4 | 9 | 12 | 40 |
| 3:00 P.M. to 3:59 P.M. | 8 | 5 | 10 | 9 | 15 | 5 | 2 | 54 |
| 4:00 P.M. to 4:59 P.M. | 7 | 6 | 7 | 5 | 9 | 10 | 10 | 54 |
| 5:00 P.M. to 5:59 P.M. | 9 | 9 | 12 | 6 | 13 | 16 | 9 | 74 |
| 6:00 P.M. to 6:59 P.M. | 6 | 4 | 5 | 9 | 5 | 12 | 8 | 49 |
| 7:00 P.M. to 7:59 P.M. | 4 | 6 | 8 | 6 | 13 | 9 | 8 | 54 |
| 8:00 P.M. to 8:59 P.M. | 7 | 9 | 3 | 9 | 9 | 6 | 5 | 48 |
| 9:00 P.M. to 9:59 P.M. | 5 | 4 | 10 | 3 | 9 | 15 | 5 | 51 |
| 10:00 P.M. to 10:59 P.M. | 7 | 1 | 7 | 8 | 12 | 12 | 4 | 51 |
| 11:00 P.M. to 11:59 P.M. | 2 | 5 | 3 | 3 | 26 | 8 | 5 | 52 |
| Not Stated | 1 | 1 | | | | | 1 | 3 |
| **Total Crashes** | **112** | **105** | **104** | **117** | **174** | **208** | **149** | **969** |

| Personal Injury Crashes | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Total Crashes |
|---|---|---|---|---|---|---|---|---|
| Midnight to 12 59 A M | 152 | 100 | 123 | 155 | 190 | 405 | 336 | 1,461 |
| 1 00 A M to 1 59 A M | 91 | 97 | 98 | 126 | 173 | 340 | 327 | 1,252 |
| 2 00 A M to 2 59 A M | 72 | 73 | 85 | 95 | 146 | 337 | 313 | 1,121 |
| 3 00 A M to 3 59 A M | 59 | 41 | 52 | 55 | 86 | 218 | 186 | 697 |
| 4 00 A M to 4 59 A M | 48 | 43 | 37 | 46 | 66 | 158 | 126 | 524 |
| 5 00 A M to 5 59 A M | 88 | 81 | 70 | 97 | 88 | 122 | 112 | 658 |
| 6 00 A M to 6 59 A M | 259 | 241 | 213 | 221 | 213 | 139 | 97 | 1,383 |
| 7 00 A M to 7 59 A M | 413 | 412 | 406 | 444 | 370 | 148 | 91 | 2,284 |
| 8 00 A M to 8 59 A M | 397 | 452 | 388 | 405 | 406 | 183 | 118 | 2,349 |
| 9 00 A M to 9 59 A M | 301 | 285 | 270 | 259 | 298 | 255 | 169 | 1,837 |
| 10 00 A M to 10 59 A M | 293 | 277 | 243 | 277 | 294 | 340 | 221 | 1,945 |
| 11 00 A M to 11 59 A M | 320 | 311 | 268 | 319 | 409 | 441 | 249 | 2,317 |
| Noon to 12 59 P M | 388 | 353 | 359 | 368 | 495 | 463 | 330 | 2,756 |
| 1 00 P M to 1 59 P M | 384 | 373 | 360 | 345 | 486 | 467 | 314 | 2,729 |
| 2 00 P M to 2 59 P M | 447 | 410 | 365 | 410 | 549 | 491 | 368 | 3,040 |
| 3 00 P M to 3 59 P M | 586 | 515 | 537 | 552 | 733 | 508 | 404 | 3,835 |
| 4 00 P M to 4 59 P M | 613 | 639 | 640 | 597 | 831 | 535 | 411 | 4,266 |
| 5 00 P M to 5 59 P M | 683 | 633 | 641 | 670 | 748 | 503 | 410 | 4,288 |
| 6 00 P M to 6 59 P M | 423 | 407 | 446 | 479 | 623 | 480 | 400 | 3,258 |
| 7 00 P M to 7 59 P M | 312 | 352 | 335 | 317 | 523 | 460 | 352 | 2,651 |
| 8 00 P M to 8 59 P M | 268 | 241 | 275 | 257 | 412 | 400 | 315 | 2,168 |
| 9 00 P M to 9 59 P M | 229 | 247 | 247 | 335 | 443 | 412 | 274 | 2,187 |
| 10 00 P M to 10 59 PTM | 192 | 186 | 234 | 253 | 499 | 366 | 187 | 1,917 |
| 11 00 P M to 11 59 P M | 178 | 165 | 201 | 227 | 474 | 437 | 202 | 1,884 |
| Not Stated | 19 | 17 | 20 | 16 | 33 | 39 | 19 | 163 |
| **Total Crashes** | **7,215** | **6,951** | **6,913** | **7,325** | **9,588** | **8,647** | **6,331** | **52,970** |

| Property Damage Crashes | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Total Crashes |
|---|---|---|---|---|---|---|---|---|
| Midnight to 12 59 A M | 178 | 167 | 172 | 183 | 239 | 521 | 442 | 1,902 |
| 1 00 A M to 1 59 A M | 141 | 105 | 123 | 188 | 217 | 490 | 470 | 1,734 |
| 2 00 A M to 2 59 A M | 127 | 116 | 135 | 137 | 200 | 510 | 350 | 1,575 |
| 3 00 A M to 3 59 A M | 70 | 75 | 65 | 92 | 117 | 304 | 236 | 959 |
| 4 00 A M to 4 59 A M | 83 | 67 | 47 | 81 | 96 | 195 | 194 | 763 |
| 5 00 A M to 5 59 A M | 161 | 152 | 135 | 150 | 160 | 203 | 143 | 1,104 |
| 6 00 A M to 6 59 A M | 457 | 390 | 394 | 420 | 399 | 199 | 146 | 2,405 |
| 7 00 A M to 7 59 A M | 830 | 773 | 847 | 770 | 818 | 246 | 136 | 4,420 |
| 8 00 A M to 8 59 A M | 838 | 822 | 823 | 823 | 793 | 363 | 175 | 4,637 |
| 9 00 A M to 9 59 A M | 544 | 539 | 546 | 507 | 591 | 480 | 267 | 3,474 |
| 10 00 A M to 10 59 A M | 503 | 463 | 498 | 495 | 597 | 590 | 331 | 3,477 |
| 11 00 A M to 11 59 A M | 580 | 544 | 576 | 572 | 742 | 842 | 391 | 4,247 |
| Noon to 12 59 P M | 756 | 699 | 670 | 782 | 962 | 900 | 507 | 5,276 |
| 1 00 P M to 1 59 P M | 711 | 666 | 712 | 667 | 919 | 773 | 516 | 4,964 |
| 2 00 P M to 2 59 P M | 765 | 773 | 759 | 772 | 1,024 | 773 | 561 | 5,427 |
| 3 00 P M to 3 59 P M | 985 | 1,008 | 1,077 | 1,059 | 1,388 | 820 | 591 | 6,928 |
| 4 00 P M to 4 59 P M | 1,091 | 1,069 | 1,116 | 1,238 | 1,493 | 825 | 610 | 7,442 |
| 5 00 P M to 5 59 P M | 1,093 | 1,140 | 1,139 | 1,304 | 1,502 | 772 | 622 | 7,572 |
| 6 00 P M to 6 59 P M | 733 | 759 | 867 | 890 | 1,018 | 772 | 599 | 5,638 |
| 7 00 P M to 7 59 P M | 484 | 506 | 537 | 576 | 804 | 658 | 500 | 4,065 |
| 8 00 P M to 8 59 P M | 390 | 385 | 404 | 434 | 643 | 556 | 409 | 3,221 |
| 9 00 P M to 9 59 P M | 325 | 365 | 397 | 431 | 691 | 537 | 386 | 3,132 |
| 10 00 P M to 10 59 P M | 283 | 300 | 339 | 396 | 623 | 549 | 326 | 2,816 |
| 11 00 P M to 11 59 P M | 262 | 243 | 261 | 340 | 711 | 565 | 248 | 2,630 |
| Not Stated | 66 | 53 | 55 | 69 | 100 | 123 | 106 | 572 |
| **Total Crashes** | **12,456** | **12,179** | **12,694** | **13,376** | **16,847** | **13,566** | **9,262** | **90,380** |

| Total Crashes | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Total Crashes |
|---|---|---|---|---|---|---|---|---|
| Midnight to 12:59 A.M. | 336 | 272 | 298 | 340 | 438 | 938 | 786 | 3,408 |
| 1:00 A.M. to 1:59 A.M. | 237 | 203 | 225 | 323 | 395 | 846 | 816 | 3,045 |
| 2:00 A.M. to 2:59 A.M. | 202 | 191 | 223 | 234 | 354 | 861 | 670 | 2,735 |
| 3:00 A.M. to 3:59 A.M. | 131 | 120 | 119 | 148 | 204 | 527 | 433 | 1,682 |
| 4:00 A.M. to 4:59 A.M. | 133 | 111 | 86 | 131 | 163 | 357 | 324 | 1,305 |
| 5:00 A.M. to 5:59 A.M. | 251 | 234 | 205 | 251 | 250 | 331 | 260 | 1,782 |
| 6:00 A.M. to 6:59 A.M. | 725 | 640 | 611 | 648 | 614 | 342 | 245 | 3,825 |
| 7:00 A.M. to 7:59 A.M. | 1,246 | 1,188 | 1,257 | 1,219 | 1,192 | 400 | 229 | 6,731 |
| 8:00 A.M. to 8:59 A.M. | 1,240 | 1,278 | 1,212 | 1,231 | 1,201 | 552 | 295 | 7,009 |
| 9:00 A.M. to 9:59 A.M. | 847 | 826 | 820 | 769 | 892 | 739 | 440 | 5,333 |
| 10:00 A.M. to 10:59 A.M. | 798 | 744 | 742 | 774 | 896 | 934 | 553 | 5,441 |
| 11:00 A.M. to 11:59 A.M. | 902 | 859 | 848 | 894 | 1,154 | 1,292 | 645 | 6,594 |
| Noon to 12:59 P.M. | 1,149 | 1,058 | 1,033 | 1,155 | 1,462 | 1,371 | 842 | 8,070 |
| 1:00 P.M. to 1:59 P.M. | 1,110 | 1,043 | 1,073 | 1,016 | 1,414 | 1,248 | 835 | 7,729 |
| 2:00 P.M. to 2:59 P.M. | 1,215 | 1,188 | 1,126 | 1,187 | 1,577 | 1,273 | 941 | 8,507 |
| 3:00 P.M. to 3:59 P.M. | 1,579 | 1,528 | 1,624 | 1,620 | 2,136 | 1,333 | 997 | 10,817 |
| 4:00 P.M. to 4:59 P.M. | 1,711 | 1,714 | 1,763 | 1,840 | 2,333 | 1,370 | 1,031 | 11,762 |
| 5:00 P.M. to 5:59 P.M. | 1,785 | 1,782 | 1,792 | 1,980 | 2,263 | 1,291 | 1,041 | 11,934 |
| 6:00 P.M. to 6:59 P.M. | 1,162 | 1,170 | 1,318 | 1,378 | 1,646 | 1,264 | 1,007 | 8,945 |
| 7:00 P.M. to 7:59 P.M. | 800 | 864 | 880 | 899 | 1,340 | 1,127 | 860 | 6,770 |
| 8:00 P.M. to 8:59 P.M. | 665 | 635 | 682 | 700 | 1,064 | 962 | 729 | 5,437 |
| 9:00 P.M. to 9:59 P.M. | 559 | 616 | 654 | 769 | 1,143 | 964 | 665 | 5,370 |
| 10:00 P.M. to 10:59 P.M. | 482 | 487 | 580 | 657 | 1,134 | 927 | 517 | 4,784 |
| 11:00 P.M. to 11:59 P.M. | 442 | 413 | 465 | 570 | 1,211 | 1,010 | 455 | 4,566 |
| Not Stated | 86 | 71 | 75 | 85 | 133 | 162 | 126 | 738 |
| **Total Crashes** | **19,783** | **19,235** | **19,711** | **20,818** | **26,609** | **22,421** | **15,742** | **144,319** |

## Age and Sex of Persons Killed

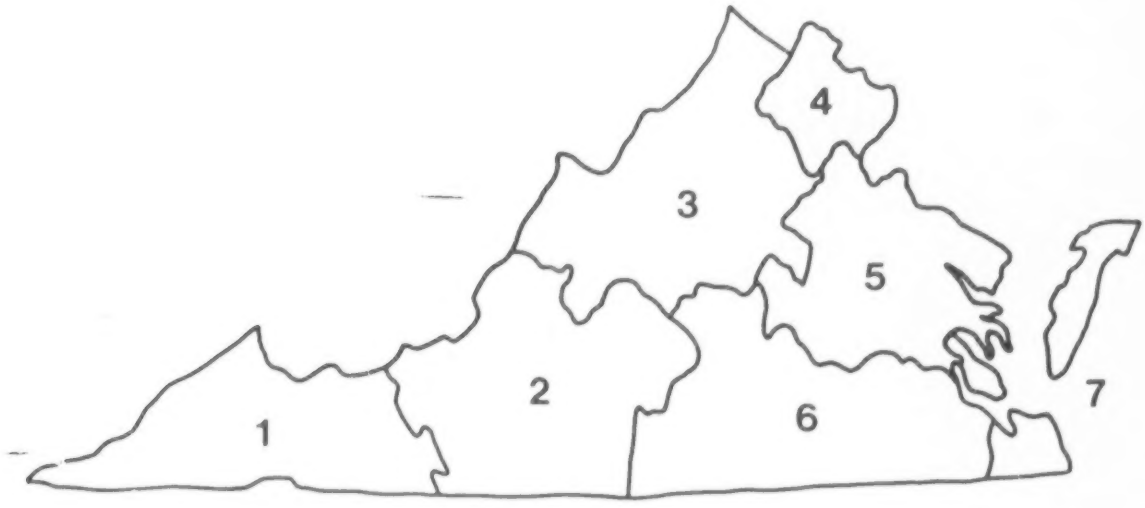
| | All Persons Killed | | | | Pedestrians Killed | | | | Bicyclists Killed | | | | Motorcyclists Killed | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Age | Total | Male | Female | Not Stated | Total | Male | Female | Not Stated | Total | Male | Female | Not Stated | Total | Male | Female | Not Stated |
| Under 5 | 19 | 7 | 12 | | 4 | 2 | 2 | | | | | | | | | |
| 5-9 | 21 | 11 | 10 | | 11 | 6 | 5 | | 1 | 1 | | | | | | |
| 10-14 | 17 | 12 | 5 | | 6 | 4 | 2 | | 3 | 3 | | | | | | |
| 15 | 15 | 11 | 4 | | 2 | 1 | 1 | | | | | | | | | |
| 16 | 21 | 13 | 8 | | 2 | 2 | | | 4 | 4 | | | 1 | 1 | | |
| 17 | 39 | 29 | 10 | | 1 | | 1 | | 1 | 1 | | | | | | |
| 18 | 34 | 25 | 9 | | 1 | 1 | | | | | | | 6 | 6 | | |
| 19 | 36 | 24 | 12 | | 1 | | 1 | | 2 | 2 | | | 5 | 5 | | |
| 20 | 46 | 40 | 6 | | 4 | 4 | | | 1 | 1 | | | 2 | 2 | | |
| 21-25 | 189 | 156 | 33 | | 13 | 11 | 2 | | 2 | 2 | | | 15 | 15 | | |
| 26-30 | 119 | 92 | 27 | | 9 | 9 | | | 1 | 1 | | | 20 | 20 | | |
| 31-35 | 88 | 72 | 16 | | 6 | 5 | 1 | | 1 | 1 | | | 10 | 10 | | |
| 36-40 | 67 | 51 | 16 | | 8 | 7 | 1 | | 1 | 1 | | | 3 | 3 | | |
| 41-45 | 64 | 44 | 20 | | 8 | 7 | 1 | | | | | | | | | |
| 46-50 | 43 | 28 | 15 | | 6 | 4 | 2 | | | | | | 1 | 1 | | |
| 51-55 | 34 | 23 | 11 | | 5 | 4 | 1 | | | | | | 1 | 1 | | |
| 56-60 | 36 | 24 | 12 | | 7 | 3 | 4 | | | | | | | | | |
| 61-65 | 46 | 29 | 17 | | 8 | 6 | 2 | | 1 | 1 | | | | | | |
| 66-70 | 33 | 17 | 16 | | 6 | 3 | 3 | | | | | | 1 | 1 | | |
| Over 70 | 95 | 61 | 34 | | 22 | 16 | 6 | | 1 | 1 | | | | | | |
| Unknown | 7 | 4 | 3 | | 1 | 1 | | | 1 | 1 | | | | | | |
| **Total** | **1,069** | **773** | **296** | | **131** | **96** | **35** | | **20** | **20** | | | **65** | **65** | | |

# Age and Sex of Persons Injured

| Age | All Persons Injured | | | | Pedestrians Injured | | | | Bicyclists Injured | | | | Motorcyclists Injured | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | Male | Female | Not Stated | Total | Male | Female | Not Stated | Total | Male | Female | Not Stated | Total | Male | Female | Not Stated |
| Under 5 | 1,684 | 874 | 810 | | 149 | 102 | 47 | | 15 | 14 | 1 | | 2 | 2 | | |
| 5-9 | 2,163 | 1,156 | 1,005 | 2 | 287 | 179 | 108 | | 200 | 156 | 42 | 2 | 3 | 2 | 1 | |
| 10-14 | 2,576 | 1,266 | 1,306 | 4 | 232 | 150 | 82 | | 284 | 234 | 47 | 3 | 32 | 26 | 6 | |
| 15 | 1,052 | 476 | 576 | | 40 | 17 | 23 | | 58 | 53 | 5 | | 13 | 10 | 3 | |
| 16 | 2,682 | 1,270 | 1,411 | 1 | 42 | 27 | 15 | | 54 | 47 | 6 | 1 | 30 | 26 | 4 | |
| 17 | 3,192 | 1,626 | 1,566 | | 53 | 33 | 20 | | 42 | 34 | 8 | | 48 | 41 | 7 | |
| 18 | 3,311 | 1,814 | 1,496 | 1 | 55 | 37 | 18 | | 38 | 33 | 4 | 1 | 89 | 80 | 9 | |
| 19 | 3,256 | 1,893 | 1,363 | | 51 | 33 | 18 | | 33 | 27 | 6 | | 131 | 120 | 11 | |
| 20 | 2,985 | 1,706 | 1,279 | | 51 | 33 | 18 | | 31 | 26 | 5 | | 122 | 109 | 13 | |
| 21-25 | 12,849 | 7,210 | 5,639 | | 229 | 144 | 85 | | 141 | 113 | 28 | | 508 | 463 | 45 | |
| 26-30 | 9,898 | 5,390 | 4,506 | 2 | 197 | 133 | 64 | | 111 | 94 | 16 | 1 | 344 | 317 | 27 | |
| 31-35 | 7,625 | 3,990 | 3,634 | 1 | 156 | 104 | 52 | | 72 | 58 | 13 | 1 | 227 | 197 | 30 | |
| 36-40 | 5,857 | 2,888 | 2,968 | 1 | 139 | 90 | 49 | | 43 | 35 | 7 | 1 | 125 | 110 | 15 | |
| 41-45 | 4,443 | 2,042 | 2,401 | | 87 | 53 | 34 | | 17 | 13 | 4 | | 80 | 68 | 12 | |
| 46-50 | 3,152 | 1,424 | 1,728 | | 81 | 51 | 30 | | 11 | 10 | 1 | | 47 | 40 | 7 | |
| 51-55 | 2,435 | 1,114 | 1,321 | | 69 | 42 | 27 | | 13 | 12 | 1 | | 22 | 19 | 3 | |
| 56-60 | 2,163 | 981 | 1,182 | | 47 | 25 | 22 | | 9 | 9 | | | 12 | 12 | | |
| 61-65 | 1,821 | 797 | 1,024 | | 55 | 32 | 23 | | 12 | 12 | | | 8 | 8 | | |
| 66-70 | 1,473 | 640 | 832 | 1 | 36 | 23 | 13 | | 9 | 9 | | | 3 | 3 | | |
| Over 70 | 2,094 | 933 | 1,160 | 1 | 70 | 33 | 37 | | 3 | 2 | 1 | | 2 | 2 | | |
| Unknown | 1,024 | 438 | 495 | 91 | 34 | 26 | 8 | | 54 | 10 | 2 | 42 | 10 | 7 | 3 | |
| **Total** | **77,735** | **39,928** | **37,702** | **105** | **2,160** | **1,367** | **793** | | **1,250** | **1,001** | **197** | **52** | **1,858** | **1,662** | **196** | |

# What Happened in
# DMV Districts in 1988

## In 1988:




| Jurisdiction | Total Crashes | Total Fatalities | Total Injuries | Alcohol-Related Crashes | Alcohol-Related Fatalities | Alcohol-Related Injuries | Licensed Drivers | Death Rate Per Drivers* |
|---|---|---|---|---|---|---|---|---|
| DMV District 1 | 7,844 | 85 | 4,841 | 990 | 44 | 820 | 267,335 | 0.31 |
| DMV District 2 | 19,741 | 145 | 10,177 | 2,599 | 74 | 1,993 | 574,175 | 0.25 |
| DMV District 3 | 13,886 | 169 | 7,659 | 1,919 | 78 | 1,558 | 408,131 | 0.41 |
| DMV District 4 | 36,027 | 160 | 16,637 | 3,515 | 71 | 2,534 | 1,083,232 | 0.14 |
| DMV District 5 | 26,232 | 204 | 14,873 | 3,246 | 115 | 2,526 | 715,146 | 0.28 |
| DMV District 6 | 9,206 | 150 | 6,403 | 1,523 | 70 | 1,378 | 274,827 | 0.54 |
| DMV District 7 | 31,349 | 156 | 17,138 | 4,290 | 70 | 3,361 | 777,922 | 0.20 |
| Not Stated | | | | | | | 45,316 | |
| Unknown | 34 | | 7 | 2 | | 2 | 17 | |
| **Total** | **144,319** | **1,069** | **77,735** | **18,084** | **522** | **14,172** | **4,146,101** | |

NOTE: Total figure for licensed drivers includes out-of-state residents and unknown.

*Death rate per 1,000 Virginia licensed drivers.

# What Happened in **Virginia Counties**

## In 1988:

| Jurisdiction | Total Crashes | Total Fatalities | Total Injuries | Alcohol-Related Crashes | Alcohol-Related Fatalities | Alcohol-Related Injuries | Licensed Drivers* | Death Rate Per Drivers** |
|---|---|---|---|---|---|---|---|---|
| **Counties** | | | | | | | | |
| Accomack | 659 | 6 | 490 | 118 | 2 | 87 | 22,795 | 0.26 |
| Albemarle | 1,876 | 23 | 992 | 210 | 10 | 182 | 45,091 | 0.51 |
| Alleghany | 259 | 5 | 152 | 70 | 3 | 59 | 9,896 | 0.50 |
| Amelia | 151 | 5 | 84 | 23 | 4 | 22 | 6,114 | 0.81 |
| Amherst | 672 | 5 | 372 | 117 | 1 | 85 | 18,469 | 0.27 |
| Appomattox | 251 | 2 | 156 | 42 | 2 | 31 | 10,769 | 0.18 |
| Arlington | 3,892 | 16 | 1,730 | 460 | 6 | 311 | 126,225 | 0.12 |
| Augusta | 1,173 | 19 | 742 | 167 | 8 | 172 | 41,282 | 0.46 |
| Bath | 99 | 2 | 68 | 23 | 2 | 15 | 3,735 | 0.53 |
| Bedford | 827 | 8 | 499 | 123 | 5 | 102 | 32,485 | 0.24 |
| Bland | 159 | 4 | 75 | 23 | 1 | 17 | 4,070 | 0.98 |
| Botetourt | 588 | 8 | 404 | 98 | 3 | 79 | 17,834 | 0.44 |
| Brunswick | 353 | 8 | 241 | 62 | 3 | 52 | 9,584 | 0.83 |
| Buchanan | 748 | 4 | 477 | 81 | 1 | 79 | 21,747 | 0.18 |
| Buckingham | 239 | 8 | 173 | 44 | 3 | 45 | 7,836 | 1.02 |
| Campbell | 927 | 9 | 566 | 164 | 4 | 143 | 34,138 | 0.26 |
| Caroline | 576 | 15 | 400 | 103 | 8 | 88 | 12,469 | 1.20 |
| Carroll | 555 | 6 | 332 | 73 | 1 | 63 | 18,653 | 0.32 |
| Charles City | 155 | 3 | 102 | 44 | 1 | 51 | 4,539 | 0.66 |
| Charlotte | 215 | 7 | 111 | 37 | 4 | 26 | 8,070 | 0.86 |
| Chesterfield | 4,777 | 33 | 2,586 | 570 | 20 | 425 | 141,055 | 0.23 |
| Clarke | 217 | 4 | 153 | 45 | 1 | 39 | 7,834 | 0.51 |
| Craig | 130 | 1 | 67 | 21 | 1 | 18 | 3,102 | 0.32 |
| Culpeper | 726 | 19 | 433 | 119 | 11 | 99 | 18,173 | 1.04 |
| Cumberland | 133 | 1 | 89 | 27 | 1 | 27 | 5,214 | 0.19 |
| Dickenson | 268 | 1 | 161 | 37 | 0 | 32 | 11,439 | 0.08 |
| Dinwiddie | 396 | 11 | 288 | 78 | 4 | 58 | 14,008 | 0.78 |
| Essex | 288 | 4 | 183 | 51 | 3 | 41 | 6,254 | 0.63 |
| Fairfax | 19,142 | 68 | 8,271 | 1,675 | 33 | 1,204 | 582,610 | 0.11 |
| Fauquier | 1,259 | 26 | 800 | 171 | 11 | 139 | 34,289 | 0.75 |
| Floyd | 188 | 2 | 123 | 34 | 1 | 36 | 8,288 | 0.24 |
| Fluvanna | 246 | 3 | 132 | 31 | 1 | 27 | 7,996 | 0.37 |
| Franklin | 907 | 8 | 599 | 139 | 4 | 132 | 26,427 | 0.30 |
| Frederick | 820 | 16 | 577 | 166 | 10 | 157 | 31,645 | 0.50 |
| Giles | 372 | 7 | 235 | 56 | 2 | 45 | 11,666 | 0.60 |
| Gloucester | 539 | 3 | 429 | 93 | 1 | 89 | 20,470 | 0.14 |
| Goochland | 330 | 4 | 199 | 47 | 3 | 46 | 9,478 | 0.42 |
| Grayson | 261 | 3 | 155 | 42 | 2 | 37 | 11,473 | 0.26 |
| Greene | 199 | 9 | 156 | 33 | 2 | 37 | 6,671 | 1.34 |
| Greensville | 248 | 7 | 205 | 38 | 2 | 39 | 6,764 | 1.03 |
| Halifax | 658 | 11 | 434 | 135 | 6 | 133 | 20,300 | 0.54 |
| Hanover | 1,333 | 13 | 761 | 161 | 6 | 115 | 44,718 | 0.29 |
| Henrico | 4,318 | 21 | 2,285 | 477 | 14 | 303 | 151,539 | 0.13 |
| Henry | 1,119 | 12 | 660 | 132 | 6 | 99 | 41,847 | 0.28 |
| Highland | 54 | 2 | 19 | 10 | 1 | 5 | 1,935 | 1.03 |
| Isle of Wight | 608 | 9 | 421 | 120 | 5 | 106 | 17,116 | 0.52 |
| James City | 487 | 11 | 337 | 82 | 6 | 71 | 22,929 | 0.47 |
| King & Queen | 95 | 2 | 66 | 23 | 1 | 19 | 4,343 | 0.46 |
| King George | 318 | 8 | 182 | 56 | 6 | 47 | 8,758 | 0.91 |
| King William | 188 | 4 | 90 | 25 | 1 | 15 | 7,371 | 0.54 |

| Jurisdiction | Total | | | Alcohol-Related | | | Licensed Drivers* | Death Rate Per Drivers** |
|---|---|---|---|---|---|---|---|---|
| | Crashes | Fatalities | Injuries | Crashes | Fatalities | Injuries | | |
| **Counties** | | | | | | | | |
| Lancaster | 142 | 4 | 110 | 28 | 1 | 26 | 8,248 | 0.48 |
| Lee | 404 | 8 | 300 | 62 | 5 | 58 | 15,361 | 0.52 |
| Loudoun | 1,988 | 13 | 1,014 | 228 | 3 | 181 | 60,717 | 0.21 |
| Louisa | 419 | 5 | 267 | 74 | 3 | 54 | 13,650 | 0.36 |
| Lunenburg | 140 | 1 | 114 | 23 | 1 | 22 | 7,818 | 0.12 |
| Madison | 221 | 4 | 126 | 40 | 3 | 38 | 7,522 | 0.53 |
| Mathews | 113 | | 74 | 26 | | 23 | 6,273 | |
| Mecklenburg | 578 | 14 | 436 | 103 | 3 | 112 | 18,934 | 0.73 |
| Middlesex | 147 | 3 | 103 | 31 | | 29 | 6,498 | 0.46 |
| Montgomery | 1,745 | 18 | 1,012 | 206 | 11 | 159 | 42,250 | 0.42 |
| Nelson | 254 | 6 | 181 | 46 | 2 | 51 | 8,484 | 0.70 |
| New Kent | 320 | 3 | 224 | 42 | 2 | 39 | 7,564 | 0.39 |
| Northampton | 296 | 18 | 257 | 59 | 9 | 76 | 8,860 | 2.03 |
| Northumberland | 169 | 6 | 101 | 25 | 3 | 29 | 7,962 | 0.75 |
| Nottoway | 223 | 2 | 115 | 43 | | 34 | 9,351 | 0.21 |
| Orange | 376 | 5 | 193 | 57 | 2 | 43 | 14,735 | 0.33 |
| Page | 397 | 3 | 221 | 54 | 1 | 38 | 14,465 | 0.20 |
| Patrick | 372 | 8 | 197 | 79 | 4 | 61 | 11,911 | 0.67 |
| Pittsylvania | 963 | 14 | 553 | 157 | 8 | 120 | 43,338 | 0.32 |
| Powhatan | 260 | 7 | 165 | 49 | 6 | 47 | 9,364 | 0.74 |
| Prince Edward | 370 | 5 | 215 | 70 | 2 | 51 | 9,705 | 0.51 |
| Prince George | 499 | 6 | 370 | 97 | 5 | 85 | 15,819 | 0.37 |
| Prince William | 4,420 | 30 | 2,438 | 545 | 17 | 396 | 137,649 | 0.21 |
| Pulaski | 754 | 9 | 458 | 120 | 4 | 115 | 23,607 | 0.38 |
| Rappahannock | 151 | 2 | 97 | 29 | 1 | 32 | 4,826 | 0.41 |
| Richmond | 114 | 2 | 59 | 18 | 1 | 10 | 5,296 | 0.37 |
| Roanoke | 1,243 | 6 | 586 | 126 | 4 | 107 | 58,595 | 0.10 |
| Rockbridge | 558 | 8 | 443 | 97 | 3 | 104 | 13,104 | 0.61 |
| Rockingham | 1,039 | 15 | 663 | 150 | 6 | 121 | 40,692 | 0.36 |
| Russell | 432 | 7 | 326 | 65 | 7 | 54 | 18,709 | 0.37 |
| Scott | 513 | 8 | 316 | 58 | 4 | 41 | 15,841 | 0.50 |
| Shenandoah | 719 | 13 | 390 | 120 | 6 | 90 | 22,685 | 0.57 |
| Smyth | 571 | 6 | 312 | 81 | 3 | 55 | 21,868 | 0.27 |
| Southampton | 403 | 13 | 327 | 69 | 3 | 56 | 11,682 | 1.11 |
| Spotsylvania | 1,237 | 15 | 755 | 171 | 6 | 142 | 34,651 | 0.43 |
| Stafford | 1,200 | 17 | 761 | 199 | 11 | 174 | 35,874 | 0.47 |
| Surry | 164 | 2 | 131 | 27 | | 24 | 4,437 | 0.45 |
| Sussex | 317 | 11 | 248 | 55 | 3 | 38 | 6,908 | 1.59 |
| Tazewell | 831 | 8 | 566 | 92 | 7 | 61 | 32,339 | 0.24 |
| Warren | 643 | 5 | 300 | 79 | 2 | 47 | 18,670 | 0.26 |
| Washington | 921 | 14 | 617 | 121 | 7 | 129 | 32,364 | 0.43 |
| Westmoreland | 272 | 2 | 181 | 69 | 1 | 57 | 10,859 | 0.18 |
| Wise | 718 | 2 | 439 | 109 | 2 | 88 | 28,370 | 0.07 |
| Wythe | 616 | 10 | 303 | 70 | 2 | 58 | 17,859 | 0.55 |
| York | 869 | 9 | 556 | 132 | 5 | 113 | 26,826 | 0.33 |
| **Total** | 84,098 | 853 | 46,882 | 10,977 | 416 | 8,837 | 2,714,053 | |

NOTE: Figures for counties include incorporated towns (not independent cities, however).

*Total figure for drivers in each locality includes only persons with Virginia licenses (whether revoked or suspended).

**Death rate per 1,000 Virginia licensed drivers in each locality.

# What Happened in **Virginia Cities**

## In 1988:

| Jurisdiction | Total | | | Alcohol-Related | | | Licensed Drivers* | Death Rate Per Drivers** |
|---|---|---|---|---|---|---|---|---|
| | Crashes | Fatalities | Injuries | Crashes | Fatalities | Injuries | | |
| **Cities** | | | | | | | | |
| Alexandria | 3,210 | 7 | 1,496 | 273 | 1 | 191 | 92,581 | 0.07 |
| Bedford | 182 | 1 | 80 | 25 | 1 | 25 | 3,675 | 0.27 |
| Bristol | 504 | 1 | 307 | 43 | 1 | 30 | 11,173 | 0.08 |
| Buena Vista | 86 | | 31 | 15 | | 5 | 4,209 | |
| Charlottesville | 1,115 | 3 | 479 | 147 | 2 | 80 | 23,345 | 0.12 |
| Chesapeake | 3,322 | 19 | 2,032 | 437 | 3 | 408 | 95,845 | 0.19 |
| Clifton Forge | 54 | | 26 | 2 | | 1 | 2,907 | |
| Colonial Heights | 332 | | 185 | 28 | | 21 | 12,564 | |
| Covington | 178 | 1 | 80 | 13 | | 4 | 4,905 | 0.20 |
| Danville | 1,504 | 10 | 707 | 166 | 5 | 120 | 29,253 | 0.34 |
| Emporia | 157 | 1 | 83 | 25 | | 25 | 2,601 | 0.38 |
| Fairfax | 1,046 | | 428 | 69 | | 44 | 16,231 | |
| Falls Church | 289 | | 82 | 24 | | 13 | 12,110 | |
| Franklin | 133 | | 48 | 9 | | 3 | 4,612 | |
| Fredericksburg | 716 | 4 | 275 | 69 | 2 | 32 | 12,891 | 0.31 |
| Galax | 229 | 2 | 95 | 23 | 1 | 13 | 4,016 | 0.49 |
| Hampton | 3,513 | 14 | 1,994 | 438 | 9 | 327 | 84,324 | 0.16 |
| Harrisonburg | 782 | 1 | 298 | 57 | | 36 | 14,574 | 0.06 |
| Hopewell | 491 | 1 | 284 | 53 | 1 | 46 | 15,647 | 0.06 |
| Lexington | 98 | | 25 | 9 | | 7 | 3,424 | |
| Lynchburg | 2,062 | 5 | 870 | 237 | 3 | 153 | 40,130 | 0.12 |
| Manassas | 697 | | 343 | 58 | | 50 | 16,798 | |
| Manassas Park | 84 | | 35 | 12 | | 5 | 4,022 | |
| Martinsville | 524 | 1 | 216 | 54 | | 27 | 10,197 | 0.09 |
| Newport News | 3,814 | 19 | 2,172 | 505 | 9 | 407 | 102,642 | 0.18 |
| Norfolk | 8,060 | 37 | 4,310 | 1,099 | 18 | 806 | 131,684 | 0.28 |
| Norton | 114 | 1 | 60 | 10 | | 5 | 2,053 | 0.48 |
| Petersburg | 906 | 9 | 743 | 146 | 5 | 146 | 23,051 | 0.39 |
| Poquoson | 79 | 1 | 33 | 13 | | 11 | 7,690 | 0.13 |
| Portsmouth | 2,314 | 6 | 1,539 | 310 | 1 | 263 | 62,885 | 0.09 |
| Radford | 276 | | 130 | 28 | | 20 | 7,094 | |
| Richmond | 7,802 | 19 | 4,284 | 754 | 11 | 579 | 129,097 | 0.14 |
| Roanoke | 3,045 | 5 | 1,181 | 339 | 2 | 213 | 65,247 | 0.07 |
| Salem | 599 | | 248 | 51 | | 39 | 16,145 | |
| South Boston | 154 | | 72 | 9 | | 9 | 4,065 | |
| Staunton | 462 | | 191 | 37 | | 15 | 14,039 | |
| Suffolk | 1,339 | 18 | 986 | 202 | 15 | 198 | 32,627 | 0.55 |
| Virginia Beach | 8,423 | 27 | 3,755 | 1,179 | 14 | 863 | 234,371 | 0.11 |
| Waynesboro | 434 | 2 | 228 | 43 | 1 | 35 | 11,614 | 0.17 |
| Williamsburg | 336 | 1 | 161 | 33 | 1 | 29 | 6,646 | 0.15 |
| Winchester | 722 | | 254 | 61 | | 29 | 13,731 | |
| **Total** | **60,187** | **216** | **30,846** | **7,105** | **106** | **5,333** | **1,386,715** | |

* Total figure for drivers in each locality includes only persons with Virginia licenses (whether revoked or suspended).

** Death rate per 1,000 Virginia licensed drivers in each locality.

# What Happened in **Virginia Towns**

## In 1988:

| Jurisdiction | Total | | | Alcohol-Related | | |
|---|---|---|---|---|---|---|
| | Crashes | Fatalities | Injuries | Crashes | Fatalities | Injuries |
| **Towns** | | | | | | |
| Abingdon | 180 | | 105 | 14 | | 11 |
| Accomac | 3 | | 1 | | | |
| Alberta | 2 | | 1 | 1 | | |
| Altavista | 75 | | 28 | 6 | | 4 |
| Amherst | 15 | | 4 | 1 | | 1 |
| Appalachia | 15 | | 10 | 2 | | 5 |
| Appomatox | 39 | | 14 | 4 | | 3 |
| Ashland | 134 | 1 | 50 | 7 | | 1 |
| Belle Haven | 2 | | 1 | | | |
| Berryville | 3 | | 1 | | | |
| Big Stone Gap | 74 | | 24 | 4 | | 1 |
| Blacksburg | 534 | 2 | 266 | 64 | 1 | 47 |
| Blackstone | 42 | | 14 | 8 | | 4 |
| Bloxom | 2 | | | | | |
| Bluefield | 59 | | 28 | 4 | | 3 |
| Boones Mill | 13 | | 6 | 3 | | 3 |
| Bowling Green | 11 | | 6 | 2 | | 1 |
| Boyce | 1 | | 1 | | | |
| Boydton | 4 | | 2 | 1 | | 1 |
| Boykins | 3 | | 1 | 2 | | 1 |
| Branchville | | | | | | |
| Bridgewater | 20 | | 4 | 1 | | 1 |
| Broadway | 11 | | 5 | 1 | | |
| Brodnax | 4 | | 1 | 2 | | 1 |
| Brookneal | 38 | | 21 | 7 | | 3 |
| Buchanan | 6 | | 3 | 1 | | 1 |
| Burkeville | 7 | | 3 | 1 | | |
| Cape Charles | 11 | | 2 | 2 | | 1 |
| Capron | 2 | | | | | |
| Cedar Bluff | 24 | | 23 | 4 | | 6 |
| Charlotte Courthouse | 1 | | | | | |
| Chase City | 43 | 1 | 8 | 4 | 1 | 4 |
| Chatham | 3 | | 2 | 2 | | 2 |
| Cheriton | 2 | | 3 | 2 | | 3 |
| Chilhowie | 22 | | 14 | 2 | | 1 |
| Chincoteague | 23 | | 19 | 8 | | 9 |
| Christiansburg | 391 | | 210 | 31 | | 29 |
| Claremont | | | | | | |
| Clarksville | 22 | | 5 | 2 | | |
| Cleveland | 1 | | | | | |
| Clifton | 3 | | | | | |
| Clinchport | 1 | | 1 | | | |
| Clintwood | 16 | | 5 | 1 | | 1 |
| Clover | 5 | | 2 | 3 | | 2 |
| Coeburn | 30 | | 25 | 1 | | 1 |
| Colonial Beach | 26 | | 11 | 7 | | 6 |
| Columbia | 2 | | 2 | 1 | | 2 |
| Courtland | 5 | | 1 | | | |
| Craigsville | 2 | | 2 | 1 | | 2 |
| Crewe | 18 | | 6 | 3 | | 1 |

| Jurisdiction | Total | | | Alcohol-Related | | |
|---|---|---|---|---|---|---|
| | Crashes | Fatalities | Injuries | Crashes | Fatalities | Injuries |
| **Towns** | | | | | | |
| Culpeper | 176 | 2 | 67 | 21 | 2 | 10 |
| Damascus | 8 | 3 | 7 | 2 | 3 | 3 |
| Dayton | 11 | | 6 | | | |
| Dendron | | | | | | |
| Dillwyn | | | | | | |
| Drakes Branch | 6 | | 4 | | | |
| Dublin | 54 | | 20 | 6 | | 4 |
| Duffield | 3 | | 3 | | | |
| Dumfries | 101 | | 37 | 9 | | 6 |
| Dungannon | 2 | | 3 | | | |
| Eastville | 5 | | 4 | 1 | | |
| Edinburg | 9 | | 7 | | | |
| Elkton | 35 | | 13 | 2 | | 1 |
| Exmore | 22 | | 19 | 1 | | 1 |
| Farmville | 94 | | 36 | 11 | | 5 |
| Fincastle | 1 | | | | | |
| Floyd | 7 | | 4 | 1 | | 1 |
| Fries | 13 | | 4 | 1 | | |
| Front Royal | 326 | | 122 | 23 | | 12 |
| Gate City | 60 | | 16 | 3 | | |
| Glade Spring | 10 | | 3 | 1 | | |
| Glasgow | 5 | | 3 | 1 | | |
| Glen Lyn | 3 | | 5 | | | |
| Gordonsville | 17 | | 5 | 4 | | 2 |
| Goshen | 2 | | | | | |
| Gretna | 12 | | 4 | 2 | | 1 |
| Grottoes | 8 | | 1 | | | |
| Grundy | 84 | | 39 | 4 | | 3 |
| Halifax | 7 | | 1 | | | |
| Hallwood | 1 | | | | | |
| Hamilton | 3 | | | | | |
| Haymarket | 2 | | 1 | 1 | | 1 |
| Hayst | 4 | | 1 | | | |
| Herndon | 286 | | 81 | 14 | | 9 |
| Hillsboro | 1 | | | | | |
| Hillsville | 3 | 1 | 4 | | | |
| Honaker | 8 | | 2 | 1 | | |
| Hurt | 12 | | 6 | 4 | | 2 |
| Independence | 19 | | 3 | 2 | | 1 |
| Iron Gate | | | | | | |
| Irvington | 4 | 1 | 2 | | | |
| Ivor | 10 | | 8 | 1 | | 1 |
| Jarratt | 4 | | 3 | | | |
| Jonesville | 13 | | 1 | 2 | | 1 |
| Keller | 2 | | 2 | | | |
| Kenbridge | 19 | | 16 | 5 | | 6 |
| Keysville | 2 | | | | | |
| Kilmarnock | 21 | | 8 | 3 | | |
| La Crosse | 5 | | 6 | 1 | | 1 |
| Lawrenceville | 7 | | 3 | 1 | | 1 |
| Lebanon | 20 | | 20 | 1 | | 1 |
| Leesburg | 250 | | 125 | 23 | | 22 |
| Louisa | 19 | | 8 | 2 | | 2 |
| Lovettsville | 1 | | 1 | 1 | | 1 |
| Luray | 92 | 1 | 47 | 12 | 1 | 5 |
| Madison | 3 | | | 1 | | |
| Marion | 158 | | 50 | 11 | | 3 |
| McKenney | | | | | | |
| Melfa | 8 | | 6 | 1 | | 1 |
| Middleburg | 13 | | 6 | 1 | | 2 |
| Middletown | 2 | | | | | |
| Mineral | 8 | | 3 | | | |
| Monterey | 1 | | | | | |

| Jurisdiction | Total | | | Alcohol-Related | | |
|---|---|---|---|---|---|---|
| | Crashes | Fatalities | Injuries | Crashes | Fatalities | Injuries |
| **Towns** | | | | | | |
| Montross | 14 | | 6 | 1 | | 1 |
| Mount Crawford | 2 | | 2 | | | |
| Mount Jackson | 13 | 1 | 5 | | | |
| Narrows | 25 | 1 | 7 | 2 | | |
| Nassowadox | 8 | | 4 | 1 | | 1 |
| New Castle | 5 | | 5 | | | |
| New Market | 21 | 1 | 16 | 3 | 1 | 4 |
| Newsoms | 1 | | 3 | | | |
| Nickelsville | 6 | | 5 | | | |
| Occoquan | | | | | | |
| Onancock | 6 | | 3 | | | |
| Onley | 13 | | 13 | 1 | | 2 |
| Orange | 42 | | 7 | 1 | | 1 |
| Painter | 7 | | | | | |
| Pamplin City | 2 | | 2 | | | |
| Parksley | 2 | | | | | |
| Pearisburg | 36 | | 16 | 3 | | 2 |
| Pembroke | 15 | | 19 | 1 | | 2 |
| Pennington Gap | 7 | | 3 | | | |
| Phenix | 1 | | 1 | 1 | | 1 |
| Pocahontas | 1 | | | | | |
| Port Royal | 1 | | 2 | | | |
| Pound | 20 | | 9 | 4 | | 1 |
| Pulaski | 162 | | 97 | 17 | | 21 |
| Purcellville | 30 | | 21 | 1 | | 1 |
| Quantico | 1 | | 2 | | | |
| Remington | 3 | | 1 | 1 | | |
| Rich Creek | 11 | | 7 | 2 | | 2 |
| Richlands | 125 | | 43 | 8 | | 2 |
| Ridgeway | 7 | | 2 | | | |
| Rocky Mount | 97 | | 38 | 9 | | 5 |
| Round Hill | 2 | | | | | |
| Rural Retreat | 11 | | 5 | 1 | | 4 |
| Saint Charles | 1 | | 1 | | | |
| Saint Paul | 22 | | 6 | 2 | | |
| Saltville | 36 | | 14 | 5 | | 3 |
| Saxis | 1 | | 3 | | | |
| Scottsburg | | | | | | |
| Scottsville | 2 | | 1 | | | |
| Shenandoah | 22 | | 13 | 5 | | |
| Smithfield | 43 | | 27 | 7 | | 13 |
| South Hill | 88 | | 43 | 9 | | 4 |
| Stanardsville | 2 | | 1 | | | |
| Stanley | 12 | | 6 | 2 | | |
| Stephens City | 5 | | 2 | 2 | | |
| Stony Creek | 5 | | 4 | 1 | | |
| Strasburg | 54 | | 15 | 8 | | 6 |
| Stuart | 16 | | 3 | 3 | | 1 |
| Surry | 4 | | 2 | | | |
| Tangier | | | | | | |
| Tappahannock | 92 | 2 | 41 | 9 | 1 | 9 |
| Tazewell | 74 | | 41 | 3 | | 2 |
| The Plains | 2 | | | | | |
| Timberville | 9 | | 5 | 1 | | 1 |
| Toms Brook | 3 | | | | | |
| Troutdale | | | | | | |
| Troutville | 1 | | | | | |
| Urbanna | 5 | | 2 | | | |
| Victoria | 6 | | 9 | 4 | | 6 |
| Vienna | 338 | | 118 | 29 | | 18 |
| Vinton | 154 | | 63 | 11 | | 5 |
| Virgilina | | | | | | |
| Wachapreague | | | | | | |

| Jurisdiction | Total | | | Alcohol-Related | | |
|---|---|---|---|---|---|---|
| | Crashes | Fatalities | Injuries | Crashes | Fatalities | Injuries |
| **Towns** | | | | | | |
| Wakefield | 16 | | 7 | 2 | | 1 |
| Warrenton | 162 | | 67 | 11 | | 4 |
| Warsaw | 35 | | 25 | 2 | | 2 |
| Washington | 1 | | | | | |
| Waverly | 29 | | 12 | 4 | | 3 |
| Weber City | 47 | | 29 | 4 | | |
| West Point | 49 | 1 | 17 | 7 | | 2 |
| White Stone | 7 | | 4 | 2 | | 3 |
| Windsor | 21 | | 16 | 4 | | 5 |
| Wise | 60 | | 23 | 5 | | 2 |
| Woodstock | 86 | | 49 | 5 | | 7 |
| Wytheville | 155 | 2 | 58 | 11 | | 3 |
| **Total** | **6,399** | **20** | **2,868** | **606** | **10** | **421** |

NOTE: Figures for incorporated towns are included in the counties.

# Virginia Driving Trends

## Summary: 1979-1988

| | Death Rate* | Vehicles Registered | Gasoline Consumption** | Vehicular Mileage*** | Total | | | Alcohol-Related**** | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Crashes | Fatalities | Injuries | Crashes | Fatalities | Injuries |
| Year | | | | | | | | | | |
| 1979 | 2.60 | 3,434,859 | 3,089.0 | 38,478 | 128,805 | 1,014 | 59,313 | 23,008 | 375 | 15,562 |
| 1980 | 2.80 | 3,716,437 | 2,982.3 | 37,163 | 116,382 | 1,045 | 58,036 | 22,131 | 374 | 15,540 |
| 1981 | 2.80 | 3,823,055 | 2,924.4 | 36,348 | 117,981 | 1,012 | 59,788 | 23,072 | 393 | 16,457 |
| 1982 | 2.24 | 3,856,872 | 2,784.2 | 39,396 | 112,474 | 881 | 59,657 | 21,157 | 330 | 15,836 |
| 1983 | 2.20 | 3,925,593 | 2,861.4 | 41,920 | 113,672 | 900 | 63,284 | 19,694 | 336 | 15,131 |
| 1984 | 2.30 | 4,099,966 | 3,013.7 | 44,904 | 123,356 | 1,014 | 69,306 | 19,371 | 359 | 15,125 |
| 1985 | 2.10 | 4,292,749 | 3,123.0 | 47,928 | 133,326 | 980 | 74,585 | 19,381 | 479 | 14,880 |
| 1986 | 2.20 | 4,514,377 | 3,245.0 | 51,725 | 140,544 | 1,118 | 79,188 | 19,944 | 492 | 15,838 |
| 1987 | 1.90 | 4,660,657 | 3,445.9 | 54,834 | 145,473 | 1,022 | 80,114 | 18,878 | 418 | 15,014 |
| 1988 | 1.88 | 4,752,331 | 3,507.9 | 57,004 | 144,319 | 1,069 | 77,735 | 18,084 | 522 | 14,172 |

*Per 100 million miles.
**In millions with 1988 estimated.
***In millions with 1988 mileage estimated.
****Determined using medical examiner data in addition to police reports beginning in 1985.

## Deaths on Major Holidays

| | Memorial Day | No. Days | 4th of July | No. Days | Labor Day | No. Days | Thanks-giving | No. Days | Christmas | No. Days | New Years* | No. Days |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | | | | | | | | | | | | |
| 1979 | 11 | 3 | 7 | 1 | 14 | 3 | 15 | 4 | 15 | 4 | 16 | 4 |
| 1980 | 12 | 3 | 15 | 3 | 24 | 3 | 9 | 4 | 9 | 4 | 6 | 4 |
| 1981 | 18 | 3 | 12 | 3 | 7 | 3 | 12 | 4 | 9 | 3 | 7 | 3 |
| 1982 | 13 | 3 | 7 | 3 | 11 | 3 | 6 | 4 | 9 | 3 | 8 | 3 |
| 1983 | 10 | 3 | 10 | 4 | 10 | 4 | 15 | 4 | 7 | 3 | 7 | 3 |
| 1984 | 7 | 3 | 4 | 1 | 16 | 3 | 16 | 4 | 20 | 4 | 9 | 4 |
| 1985 | 9 | 3 | 10 | 4 | 9 | 3 | 11 | 4 | 6 | 2 | 2 | 2 |
| 1986 | 11 | 3 | 24 | 3 | 23 | 3 | 15 | 4 | 11 | 4 | 20 | 4 |
| 1987 | 13 | 3 | 11 | 3 | 13 | 3 | 17 | 4 | 9 | 4 | 12 | 4 |
| 1988 | 16 | 3 | 15 | 3 | 18 | 3 | 7 | 4 | 9 | 3 | 10 | 3 |

NOTE: Deaths are for these days indicated plus the last six hours of the preceding day.
*1986-88 New Years total is not comparable to previous year's data due to changes in counting procedure.

## Leading Death Causes: 1987

| Virginia | | United States** | |
|---|---|---|---|
| Heart Disease | 15,988 | Heart Disease | 765,490 |
| Cancer | 10,789 | Cancer | 469,376 |
| Cerebrovascular Diseases | 3,438 | Cerebrovascular Diseases | 149,643 |
| Chronic Obstructive Pulmonary Diseases | 1,701 | Chronic Obstructive Pulmonary Diseases | 76,559 |
| Pneumonia & Influenza | 1,592 | Pneumonia & Influenza | 69,812 |
| Motor Vehicle Accidents | 1,078* | Motor Vehicle Accidents | 47,865 |
| Suicide | 830 | Diabetes Mellitus | 37,184 |
| Diabetes Mellitus | 740 | Suicide | 30,904 |
| Septicemia (blood disease) | 572 | Chronic Liver Disease and Cirrhosis | 26,159 |
| Kidney Diseases | 530 | Atherosclerosis | 22,706 |

*Includes Virginians killed in traffic accidents outside the state. Source is Virginia Department of Health.
**These are the most recent statistics available.

## Monthly Crashes/Fatalities/Injuries

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1979** | | | | | | | | | | | | |
| Crashes | | | | | | | | | | | | |
| Fatalities | 55 | 51 | 92 | 77 | 73 | 92 | 91 | 104 | 80 | 103 | 95 | 101 |
| Injuries | | | | | | | | | | | | |
| **1980** | | | | | | | | | | | | |
| Crashes | | | | | | | | | | | | |
| Fatalities | 76 | 57 | 60 | 67 | 101 | 94 | 102 | 123 | 93 | 104 | 83 | 85 |
| Injuries | | | | | | | | | | | | |
| **1981** | | | | | | | | | | | | |
| Crashes | 7,676 | 10,235 | 8,138 | 8,664 | 9,520 | 9,071 | 10,026 | 11,048 | 8,613 | 9,772 | 9,185 | 16,033 |
| Fatalities | 68 | 79 | 59 | 82 | 87 | 96 | 88 | 99 | 97 | 74 | 97 | 86 |
| Injuries | 3,546 | 4,888 | 4,043 | 4,644 | 5,085 | 4,856 | 5,403 | 5,876 | 4,581 | 4,988 | 4,505 | 7,373 |
| **1982** | | | | | | | | | | | | |
| Crashes | 10,289 | 8,330 | 8,511 | 9,240 | 10,107 | 9,595 | 9,441 | 8,787 | 8,375 | 9,836 | 9,139 | 10,824 |
| Fatalities | 52 | 47 | 51 | 82 | 86 | 79 | 84 | 64 | 68 | 105 | 69 | 94 |
| Injuries | 4,021 | 3,967 | 4,267 | 4,806 | 5,678 | 5,209 | 5,597 | 5,201 | 4,883 | 5,485 | 4,830 | 5,713 |
| **1983** | | | | | | | | | | | | |
| Crashes | 7,923 | 7,886 | 8,410 | 9,553 | 9,887 | 9,292 | 9,097 | 9,366 | 9,727 | 10,982 | 10,157 | 11,392 |
| Fatalities | 59 | 50 | 53 | 72 | 79 | 79 | 67 | 84 | 93 | 113 | 76 | 75 |
| Injuries | 4,061 | 3,795 | 4,455 | 5,278 | 5,846 | 5,537 | 5,550 | 5,601 | 5,794 | 6,024 | 5,346 | 5,997 |
| **1984** | | | | | | | | | | | | |
| Crashes | 9,812 | 8,467 | 8,883 | 9,362 | 10,940 | 10,436 | 10,769 | 10,931 | 10,660 | 10,747 | 11,207 | 11,142 |
| Fatalities | 68 | 75 | 58 | 75 | 81 | 93 | 90 | 76 | 96 | 110 | 103 | 89 |
| Injuries | 4,799 | 4,537 | 4,874 | 5,185 | 6,347 | 6,133 | 6,556 | 6,567 | 6,081 | 6,266 | 5,924 | 6,037 |
| **1985** | | | | | | | | | | | | |
| Crashes | 10,616 | 8,906 | 10,038 | 9,933 | 11,566 | 11,783 | 11,325 | 11,434 | 10,414 | 12,274 | 12,764 | 12,273 |
| Fatalities | 69 | 57 | 78 | 81 | 74 | 95 | 72 | 83 | 92 | 104 | 101 | 74 |
| Injuries | 4,992 | 4,484 | 5,511 | 5,717 | 6,819 | 6,770 | 6,882 | 6,934 | 6,165 | 7,042 | 6,499 | 6,770 |
| **1986** | | | | | | | | | | | | |
| Crashes | 10,648 | 9,848 | 10,251 | 10,819 | 11,982 | 11,445 | 11,952 | 13,212 | 10,979 | 13,019 | 13,484 | 12,905 |
| Fatalities | 69 | 62 | 62 | 69 | 106 | 115 | 115 | 115 | 110 | 108 | 100 | 87 |
| Injuries | 5,533 | 4,935 | 5,883 | 6,224 | 7,069 | 6,863 | 7,397 | 8,025 | 6,415 | 7,175 | 6,974 | 6,695 |
| **1987** | | | | | | | | | | | | |
| Crashes | 10,766 | 10,002 | 10,517 | 12,278 | 12,154 | 12,534 | 11,952 | 12,040 | 12,311 | 13,725 | 13,891 | 13,303 |
| Fatalities | 62 | 57 | 68 | 86 | 98 | 81 | 96 | 108 | 91 | 112 | 85 | 78 |
| Injuries | 5,161 | 5,069 | 5,689 | 6,825 | 7,260 | 7,232 | 6,997 | 7,226 | 7,150 | 7,478 | 7,225 | 6,802 |
| **1988** | | | | | | | | | | | | |
| Crashes | 12,139 | 10,011 | 11,688 | 11,949 | 13,379 | 12,123 | 11,782 | 11,802 | 11,599 | 13,297 | 12,418 | 12,132 |
| Fatalities | 59 | 56 | 73 | 88 | 103 | 92 | 109 | 96 | 110 | 102 | 93 | 88 |
| Injuries | 5,465 | 4,822 | 5,950 | 6,347 | 7,096 | 6,573 | 7,099 | 7,034 | 6,857 | 7,574 | 6,575 | 6,343 |

## Estimated Economic Cost: 1983-1987

| | 1983 | 1984 | 1985 | 1986 | 1987 |
|---|---|---|---|---|---|
| Fatalities | 188.6 | 223.1 | 235.2 | 268.3 | 288.6 |
| Injuries | 544.2 | 644.6 | 686.2 | 855.2 | 963.9 |
| Property Damage Crashes | 79.9 | 89.4 | 97.8 | 137.5 | 135.6 |
| **Total Virginia Cost*** | **815** | **960** | **1,020** | **1,260** | **1,388** |
| **Total U.S. Cost** | **92,700** | **96,900** | **107,300** | **118,000** | **133,200** |

*Rounded to nearest five millions

NOTE Costs are in millions U.S. costs are based on the National Safety Council's annual cost estimates.

# Virginia Crashes

## In 1988 there were:

- 1,069 persons killed
- 77,735 persons injured
- 144,319 crashes
  - 969 fatal crashes
  - 52,970 personal injury crashes
  - 90,380 property damage crashes

NOTE: This includes drivers and passengers of all motor vehicles and not fully motorized vehicles as well as pedestrians.

## The Driver

| | Drivers | Percent |
|---|---|---|
| **Driver Action** | | |
| Ran Traffic Control | 7,640 | 3.0 |
| Improper Passing | 2,532 | 1.0 |
| Left of Center—Not Passing | 4,181 | 1.6 |
| Failure to Yield | 29,771 | 11.7 |
| Inattention | 28,274 | 11.1 |
| Speed too Fast | 14,670 | 5.8 |
| Improper Turn | 4,984 | 2.0 |
| Improper Lane Change | 2,396 | 0.9 |
| Following too Close | 14,606 | 5.7 |
| Improper Backing | 1,515 | 0.6 |
| Illegal or Improper Parking | 618 | 0.2 |
| Lights Not On | 201 | 0.1 |
| Hit and Run | 6,168 | 2.4 |
| Avoiding Pedestrian | 290 | 0.1 |
| Avoiding Other Vehicle | 5,444 | 2.1 |
| No Violation | 110,787 | 43.5 |
| Other | 20,721 | 8.1 |
| **Total** | **254,798** | **100.0** |
| **Not Stated** | **6,703** | |
| **Grand Total** | **261,501** | |

| Drinking | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 231,290 | 92.7 |
| Drinking-Impaired | 10,092 | 4.0 |
| Drinking-Not Impaired | 3,520 | 1.4 |
| Drinking-Impairment Unknown | 4,514 | 1.8 |
| **Total** | **249,416** | **100.0** |
| **Not Stated** | **12,085** | |
| **Grand Total** | **261,501** | |

| Physical | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 242,708 | 97.3 |
| Physical Defect | 1,495 | 0.6 |
| Ill | 423 | 0.2 |
| Fatigued | 954 | 0.4 |
| Apparently Asleep | 2,618 | 1.0 |
| Other | 1,208 | 0.5 |
| **Total** | **249,406** | **100.0** |
| **Not Stated** | **12,095** | |
| **Grand Total** | **261,501** | |

| | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 15 | 570 | 133 | 7 | 710 | 81.1 |
| 15 | 307 | 145 | 1 | 453 | 67.9 |
| 16 | 4,406 | 3,155 | 2 | 7,563 | 58.3 |
| 17 | 5,846 | 3,918 | 1 | 9,765 | 59.9 |
| 18 | 6,304 | 3,778 | 1 | 10,083 | 62.5 |
| 19 | 6,545 | 3,491 | | 10,036 | 65.2 |
| 20 | 6,145 | 3,332 | 1 | 9,478 | 64.8 |
| 21-25 | 29,021 | 16,402 | 4 | 45,427 | 63.9 |
| 26-30 | 23,459 | 13,412 | 3 | 36,874 | 63.6 |
| 31-35 | 18,068 | 11,238 | 3 | 29,309 | 61.7 |
| 36-40 | 14,366 | 9,198 | 3 | 23,567 | 61.0 |
| 41-45 | 10,785 | 7,089 | 1 | 17,875 | 60.3 |
| 46-50 | 7,781 | 4,815 | 3 | 12,599 | 61.8 |
| 51-55 | 6,222 | 3,403 | 2 | 9,627 | 64.6 |
| 56-60 | 5,584 | 3,023 | | 8,607 | 64.9 |
| 61-65 | 4,643 | 2,533 | | 7,176 | 64.7 |
| 66-70 | 3,707 | 1,981 | | 5,688 | 65.2 |
| Over 70 | 4,840 | 2,770 | 3 | 7,613 | 63.6 |
| Unknown | 224 | 62 | 8,765 | 9,051 | |
| **Total** | **158,823** | **93,878** | **8,800** | **261,501** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 131,681 | 50.9 |
| Turning Right | 9,016 | 3.5 |
| Turning Left | 31,278 | 12.1 |
| Making U-Turn | 1,336 | 0.5 |
| Slowing-Stopping | 14,496 | 5.6 |
| Ran Off Road | 22,159 | 8.6 |
| Stopped in Traffic | 27,028 | 10.4 |
| Backing | 2,548 | 1.0 |
| Passing | 2,842 | 1.1 |
| Changing Lanes | 7,492 | 2.9 |
| Other | 8,971 | 3.5 |
| **Total** | **258,847** | **100.0** |
| **Not Stated** | **2,654** | |
| **Grand Total** | **261,501** | |

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 244,439 | 97.4 |
| Lights | 532 | 0.2 |
| Brakes | 2,039 | 0.8 |
| Steering | 471 | 0.2 |
| Tires | 1,777 | 0.7 |
| Motor | 583 | 0.2 |
| Other | 1,016 | 0.4 |
| **Total** | **250,857** | **100.0** |
| **Not Stated** | **10,644** | |
| **Grand Total** | **261,501** | |

## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 91,653 | 63.7 |
| Cloudy | 25,682 | 17.8 |
| Fog | 1,155 | 0.8 |
| Mist | 3,698 | 2.6 |
| Rain | 19,047 | 13.2 |
| Snow | 2,259 | 1.6 |
| Sleet | 310 | 0.2 |
| Smoke/Dust | 11 | |
| Other | 110 | 0.1 |
| **Total** | **143,925** | **100.0** |
| **Not Stated** | **394** | |
| **Grand Total** | **144,319** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 2,990 | 2.1 |
| Daylight | 93,646 | 65.1 |
| Dusk | 4,291 | 3.0 |
| Darkness (road lighted) | 20,625 | 14.3 |
| Darkness (road unlighted) | 22,292 | 15.5 |
| **Total** | **143,844** | **100.0** |
| **Not Stated** | **475** | |
| **Grand Total** | **144,319** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 30,344 | 21.2 |
| Traffic Signals | 23,778 | 16.6 |
| Stop Sign | 16,207 | 11.3 |
| Slow/Warning Sign | 1,353 | 0.9 |
| Yield Sign | 2,024 | 1.4 |
| No Passing Zone | 11,758 | 8.2 |
| R.R. Warning Sign | 70 | |
| R.R. Signals | 45 | |
| R.R. Gate and Signals | 72 | 0.1 |
| Other | 57,594 | 40.2 |
| **Total** | **143,245** | **100.0** |
| **Not Stated** | **1,074** | |
| **Grand Total** | **144,319** | |

# Virginia Fatalities

## In 1988 there were:

- 1,069 persons killed in 969 fatal crashes

NOTE: This includes drivers and passengers of all motor vehicles and not fully motorized vehicles as well as pedestrians.

## The Driver

| | Drivers | Percent |
|---|---|---|
| **Driver Action** | | |
| Ran Traffic Control | 51 | 3.6 |
| Improper Passing | 18 | 1.3 |
| Left of Center—Not Passing | 117 | 8.3 |
| Failure to Yield | 80 | 5.7 |
| Inattention | 165 | 11.7 |
| Speed too Fast | 293 | 20.7 |
| Improper Turn | 6 | 0.4 |
| Improper Lane Change | 11 | 0.8 |
| Following too Close | 3 | 0.2 |
| Improper Backing | 6 | 0.4 |
| Illegal or Improper Parking | 1 | 0.1 |
| Lights Not On | 4 | 0.3 |
| Hit and Run | 16 | 1.1 |
| Avoiding Pedestrian | 6 | 0.4 |
| Avoiding Other Vehicle | 24 | 1.7 |
| No Violation | 487 | 34.4 |
| Other | 126 | 8.9 |
| **Total** | **1,414** | **100.0** |
| **Not Stated** | **41** | |
| **Grand Total** | **1,455** | |

| Drinking | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 838 | 71.5 |
| Drinking-Impaired | 181 | 15.4 |
| Drinking-Not Impaired | 20 | 1.7 |
| Drinking-Impairment Unknown | 133 | 11.3 |
| **Total** | **1,172** | **100.0** |
| **Not Stated** | **283** | |
| **Grand Total** | **1,455** | |

| Physical | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 1,073 | 91.9 |
| Physical Defect | 17 | 1.5 |
| Ill | 5 | 0.4 |
| Fatigued | 9 | 0.8 |
| Apparently Asleep | 53 | 4.5 |
| Other | 10 | 0.9 |
| **Total** | **1,167** | **100.0** |
| **Not Stated** | **288** | |
| **Grand Total** | **1,455** | |

| Age | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 15 | 7 | | | 7 | 100.0 |
| 15 | 4 | 2 | | 6 | 66.7 |
| 16 | 19 | 9 | | 28 | 67.9 |
| 17 | 35 | 11 | | 46 | 76.1 |
| 18 | 39 | 12 | | 51 | 76.5 |
| 19 | 39 | 10 | | 49 | 79.6 |
| 20 | 35 | 9 | | 44 | 79.5 |
| 21-25 | 223 | 44 | | 267 | 83.5 |
| 26-30 | 157 | 40 | | 197 | 79.7 |
| 31-35 | 129 | 32 | | 161 | 80.1 |
| 36-40 | 99 | 31 | | 130 | 76.2 |
| 41-45 | 83 | 29 | | 112 | 74.1 |
| 46-50 | 53 | 16 | | 69 | 76.8 |
| 51-55 | 25 | 15 | | 40 | 62.5 |
| 56-60 | 46 | 5 | | 51 | 90.2 |
| 61-65 | 38 | 17 | | 55 | 69.1 |
| 66-70 | 30 | 9 | | 39 | 76.9 |
| Over 70 | 55 | 17 | | 72 | 76.4 |
| Unknown | 3 | | 28 | 31 | |
| **Total** | **1,119** | **308** | **28** | **1,455** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 766 | 53.1 |
| Turning Right | 8 | 0.6 |
| Turning Left | 76 | 5.3 |
| Making U-Turn | 1 | 0.1 |
| Slowing-Stopping | 26 | 1.8 |
| Ran Off Road | 395 | 27.4 |
| Stopped in Traffic | 40 | 2.8 |
| Backing | 6 | 0.4 |
| Passing | 27 | 1.9 |
| Changing Lanes | 39 | 2.7 |
| Other | 58 | 4.0 |
| **Total** | **1,442** | **100.0** |
| **Not Stated** | **13** | |
| **Grand Total** | **1,455** | |

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 1,263 | 94.8 |
| Lights | 6 | 0.5 |
| Brakes | 16 | 1.2 |
| Steering | 4 | 0.3 |
| Tires | 24 | 1.8 |
| Motor | 7 | 0.5 |
| Other | 12 | 0.9 |
| **Total** | **1,332** | **100.0** |
| **Not Stated** | **123** | |
| **Grand Total** | **1,455** | |

## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 625 | 64.7 |
| Cloudy | 211 | 21.8 |
| Fog | 18 | 1.9 |
| Mist | 23 | 2.4 |
| Rain | 82 | 8.5 |
| Snow | 6 | 0.6 |
| Sleet | | |
| Smoke/Dust | 1 | 0.1 |
| Other | | |
| **Total** | **966** | **100.0** |
| **Not Stated** | **3** | |
| **Grand Total** | **969** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 22 | 2.3 |
| Daylight | 444 | 46.0 |
| Dusk | 20 | 2.1 |
| Darkness (road lighted) | 131 | 13.6 |
| Darkness (road unlighted) | 349 | 36.1 |
| **Total** | **966** | **100.0** |
| **Not Stated** | **3** | |
| **Grand Total** | **969** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 155 | 16.1 |
| Traffic Signals | 56 | 5.8 |
| Stop Sign | 62 | 6.4 |
| Slow/Warning Sign | 26 | 2.7 |
| Yield Sign | | |
| No Passing Zone | 168 | 17.4 |
| R.R. Warning Sign | 2 | 0.2 |
| R.R. Signals | 4 | 0.4 |
| R.R. Gate and Signals | 1 | 0.1 |
| Other | 491 | 50.9 |
| **Total** | **965** | **100.0** |
| **Not Stated** | **4** | |
| **Grand Total** | **969** | |

# Virginia Crashes Involving **Alcohol**

## In 1988 there were:

- 552 persons killed in alcohol-related crashes or 48.8 percent of all traffic fatalities
- 14,172 persons injured in alcohol-related crashes or 18.2 percent of all traffic injuries
- 18,084 alcohol-related crashes or 12.5 percent of all crashes
  - 470 alcohol-related fatal crashes or 48.5 percent of all fatal crashes
  - 9,350 alcohol-related personal injury crashes or 17.7 percent of all personal injury crashes
  - 8,264 alcohol-related property damage crashes or 9.1 percent of all property damage crashes

## Alcohol Involvement in Fatalities and Injuries

| | Fatalities | Percent of Total | Injuries | Percent of Total |
|---|---|---|---|---|
| All Drivers* | 675 | | 50,385 | |
| Drinking Drivers | 193 | 28.6 | 6,811 | 13.5 |
| All Pedestrians* | 131 | | 2,160 | |
| Drinking Pedestrians | 30 | 22.9 | 328 | 15.2 |

NOTE: Drivers and pedestrians in alcohol-related fatal crashes are determined using available medical examiner's data as well as the police report. The term "alcohol-related" does not imply that drinking was the direct cause of the traffic crash.

* This includes all drivers and pedestrians killed or injured in crashes (alcohol-related or non-alcohol-related).

## The Drinking Driver

| | Drivers | Percent |
|---|---|---|
| **Drinking Driver Action** | | |
| Ran Traffic Control | 698 | 3.9 |
| Improper Passing | 214 | 1.2 |
| Left of Center—Not Passing | 695 | 3.9 |
| Failure to Yield | 1,035 | 5.8 |
| Inattention | 3,869 | 21.6 |
| Speed too Fast | 3,444 | 19.2 |
| Improper Turn | 285 | 1.6 |
| Improper Lane Change | 85 | 0.5 |
| Following too Close | 505 | 2.8 |
| Improper Backing | 90 | 0.5 |
| Illegal or Improper Parking | 34 | 0.2 |
| Lights Not On | 32 | 0.2 |
| Hit and Run | 945 | 5.3 |
| Avoiding Pedestrian | 21 | 0.1 |
| Avoiding Other Vehicle | 334 | 1.9 |
| No Violation | 1,473 | 8.2 |
| Other | 4,162 | 23.2 |
| **Total** | **17,921** | **100.0** |
| **Not Stated** | **205** | |
| **Grand Total** | **18,126** | |

| Drinking | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | | |
| Drinking-Impaired | 10,092 | 55.7 |
| Drinking-Not Impaired | 3,520 | 19.4 |
| Drinking-Impairment Unknown | 4,514 | 24.9 |
| **Total** | **18,126** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **18,126** | |

| Physical | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 15,297 | 87.5 |
| Physical Defect | 310 | 1.8 |
| Ill | 50 | 0.3 |
| Fatigued | 430 | 2.5 |
| Apparently Asleep | 697 | 4.0 |
| Other | 694 | 4.0 |
| **Total** | **17,478** | **100.0** |
| **Not Stated** | **648** | |
| **Grand Total** | **18,126** | |

| Age | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 15 | 8 | 2 | | 10 | 80.0 |
| 15 | 17 | 5 | | 22 | 77.3 |
| 16 | 176 | 45 | | 221 | 79.6 |
| 17 | 332 | 62 | | 394 | 84.3 |
| 18 | 562 | 97 | | 659 | 85.3 |
| 19 | 723 | 118 | | 841 | 86.0 |
| 20 | 693 | 110 | | 803 | 86.3 |
| 21-25 | 3,983 | 682 | | 4,665 | 85.4 |
| 26-30 | 3,003 | 559 | | 3,562 | 84.3 |
| 31-35 | 2,034 | 337 | 1 | 2,372 | 85.8 |
| 36-40 | 1,397 | 233 | | 1,630 | 85.7 |
| 41-45 | 815 | 149 | | 964 | 84.5 |
| 46-50 | 534 | 69 | | 603 | 88.6 |
| 51-55 | 357 | 55 | | 412 | 86.7 |
| 56-60 | 293 | 39 | | 332 | 88.3 |
| 61-65 | 206 | 27 | | 233 | 88.4 |
| 66-70 | 133 | 13 | | 146 | 91.1 |
| Over 70 | 76 | 9 | | 85 | 89.4 |
| Unknown | 27 | 3 | 142 | 172 | 90.0 |
| **Total** | **15,369** | **2,614** | **143** | **18,126** | |

## The Drinking Pedestrian

| | Pedestrians | Percent |
|---|---|---|
| **Drinking Pedestrian Action** | | |
| Crossing Against Signal | 23 | 6.6 |
| Crossing Not at Crosswalk | 121 | 34.8 |
| Crossing With Signal | 9 | 2.6 |
| Walking With Traffic | 42 | 12.1 |
| Walking Against Traffic | 23 | 6.6 |
| Came Onto Road Between Parked Cars | 4 | 1.1 |
| Getting On or Off Vehicle | 1 | 0.3 |
| Working On Road | 40 | 11.5 |
| Standing or Lying On Road | 81 | 23.3 |
| **Total** | **348** | **100.0** |
| **Not Stated** | **10** | |
| **Grand Total** | **358** | |

| Drinking | Pedestrians | Percent |
|---|---|---|
| **Pedestrian Condition** | | |
| Not Impaired | | |
| Drinking-Impaired | 190 | 53.1 |
| Drinking-Not Impaired | 29 | 8.1 |
| Drinking-Impairment Unknown | 139 | 38.8 |
| **Total** | **358** | **100.0** |
| **Not Stated** | | |
| **Total** | **358** | |

| Physical | Pedestrians | Percent |
|---|---|---|
| **Pedestrian Condition** | | |
| Not Impaired | 240 | 78.9 |
| Physical Defect | 16 | 5.3 |
| Ill | | |
| Fatigued | 13 | 4.3 |
| Apparently Asleep | | |
| Other | 35 | 11.5 |
| **Total** | **304** | **100.0** |
| **Not Stated** | **54** | |
| **Grand Total** | **358** | |

| Age | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 15 | 2 | | | 2 | 100.0 |
| 15 | | | | | |
| 16 | 1 | | | 1 | 100.0 |
| 17 | 4 | 1 | | 5 | 80.0 |
| 18 | 8 | 1 | | 9 | 88.9 |
| 19 | 6 | 3 | | 9 | 66.7 |
| 20 | 13 | 2 | | 15 | 86.7 |
| 21-25 | 55 | 15 | | 70 | 78.6 |
| 26-30 | 43 | 13 | | 56 | 76.8 |
| 31-35 | 39 | 10 | | 49 | 79.6 |
| 36-40 | 23 | 11 | | 34 | 67.6 |
| 41-45 | 17 | 4 | | 21 | 81.0 |
| 46-50 | 23 | 2 | | 25 | 92.0 |
| 51-55 | 13 | 5 | | 18 | 72.2 |
| 56-60 | 10 | 2 | | 12 | 83.3 |
| 61-65 | 12 | | | 12 | 100.0 |
| 66-70 | 3 | 1 | | 4 | 75.0 |
| Over 70 | 5 | 1 | | 6 | 83.3 |
| Unknown | 10 | | | 10 | 100.0 |
| **Total** | **287** | **71** | | **358** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 8,466 | 46.9 |
| Turning Right | 571 | 3.2 |
| Turning Left | 1,323 | 7.3 |
| Making U-Turn | 70 | 0.4 |
| Slowing-Stopping | 320 | 1.8 |
| Ran Off Road | 5,885 | 32.6 |
| Stopped in Traffic | 230 | 1.3 |
| Backing | 154 | 0.9 |
| Passing | 241 | 1.3 |
| Changing Lanes | 392 | 2.2 |
| Other | 412 | 2.3 |
| **Total** | **18,064** | **100.0** |
| **Not Stated** | **62** | |
| **Grand Total** | **18,126** | |

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 16,909 | 95.9 |
| Lights | 59 | 0.3 |
| Brakes | 162 | 0.9 |
| Steering | 81 | 0.5 |
| Tires | 299 | 1.7 |
| Motor | 28 | 0.2 |
| Other | 102 | 0.6 |
| **Total** | **17,640** | **100.0** |
| **Not Stated** | **486** | |
| **Grand Total** | **18,126** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 193 | 1.1 |
| Daylight | 4,113 | 22.8 |
| Dusk | 487 | 2.7 |
| Darkness (road lighted) | 6,277 | 34.8 |
| Darkness (road unlighted) | 6,983 | 38.7 |
| **Total** | **18,053** | **100.0** |
| **Not Stated** | **31** | |
| **Grand Total** | **18,084** | |

## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 12,157 | 67.3 |
| Cloudy | 3,282 | 18.2 |
| Fog | 197 | 1.1 |
| Mist | 527 | 2.9 |
| Rain | 1,797 | 9.9 |
| Snow | 88 | 0.5 |
| Sleet | 9 | |
| Smoke/Dust | 1 | |
| Other | 10 | 0.1 |
| **Total** | **18,068** | **100.0** |
| **Not Stated** | **16** | |
| **Grand Total** | **18,084** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 5,074 | 28.3 |
| Traffic Signals | 2,230 | 12.4 |
| Stop Sign | 1,187 | 6.6 |
| Slow/Warning Sign | 298 | 1.7 |
| Yield Sign | 105 | 0.6 |
| No Passing Zone | 2,029 | 11.3 |
| R.R. Warning Sign | 12 | 0.1 |
| R.R. Signals | 10 | 0.1 |
| R.R. Gate and Signals | 16 | 0.1 |
| Other | 6,999 | 39.0 |
| **Total** | **17,960** | **100.0** |
| **Not Stated** | **124** | |
| **Grand Total** | **18,084** | |

## Driver Condition: Drinking by Crash Type and Age

| Fatal Crashes | Not Drinking | Obviously Drunk | Ability Impaired | Not Impaired | Impairment Unknown | Not Stated | Total Drivers |
|---|---|---|---|---|---|---|---|
| **Age** | | | | | | | |
| Under 15 | 6 | | | | | 1 | 7 |
| 15 | 3 | | | | | 3 | 6 |
| 16 | 21 | 3 | 1 | | 1 | 2 | 28 |
| 17 | 32 | 2 | 2 | 1 | 3 | 6 | 46 |
| 18 | 23 | 2 | 5 | 1 | 5 | 15 | 51 |
| 19 | 25 | 4 | 2 | 2 | 8 | 8 | 49 |
| 20 | 25 | 4 | 6 | | 9 | | 44 |
| 21-25 | 117 | 29 | 25 | 4 | 38 | 54 | 267 |
| 26-30 | 98 | 19 | 10 | 2 | 22 | 46 | 197 |
| 31-35 | 92 | 15 | 5 | 4 | 16 | 29 | 161 |
| 36-40 | 84 | 8 | 7 | 3 | 9 | 19 | 130 |
| 41-45 | 70 | 11 | 2 | | 10 | 19 | 112 |
| 46-50 | 46 | 6 | 1 | 1 | 4 | 11 | 69 |
| 51-55 | 28 | 1 | 1 | 1 | 3 | 6 | 40 |
| 56-60 | 36 | 2 | 3 | | 1 | 9 | 51 |
| 61-65 | 40 | 4 | | 1 | | 10 | 55 |
| 66-70 | 33 | | | | 1 | 5 | 39 |
| Over 70 | 58 | | 1 | | 2 | 11 | 72 |
| Unknown | 1 | | | | 1 | 29 | 31 |
| **Total Drivers** | **838** | **110** | **71** | **20** | **133** | **283** | **1,455** |

| Personal Injury Crashes | Not Drinking | Obviously Drunk | Ability Impaired | Not Impaired | Impairment Unknown | Not Stated | Total Drivers |
|---|---|---|---|---|---|---|---|
| **Age** | | | | | | | |
| Under 15 | 528 | 1 | 1 | 2 | 3 | 73 | 608 |
| 15 | 218 | 3 | 2 | 2 | 5 | 10 | 240 |
| 16 | 2,571 | 29 | 25 | 28 | 37 | 40 | 2,730 |
| 17 | 3,243 | 45 | 57 | 50 | 64 | 63 | 3,522 |
| 18 | 3,401 | 89 | 69 | 60 | 120 | 52 | 3,791 |
| 19 | 3,345 | 99 | 100 | 89 | 158 | 61 | 3,852 |
| 20 | 3,189 | 114 | 93 | 83 | 124 | 60 | 3,663 |
| 21-25 | 13,918 | 694 | 552 | 421 | 712 | 274 | 16,571 |
| 26-30 | 11,524 | 663 | 374 | 302 | 506 | 259 | 13,628 |
| 31-35 | 9,321 | 467 | 268 | 177 | 335 | 160 | 10,728 |
| 36-40 | 7,588 | 304 | 185 | 137 | 224 | 130 | 8,568 |
| 41-45 | 6,038 | 192 | 98 | 60 | 128 | 75 | 6,591 |
| 46-50 | 4,150 | 130 | 62 | 45 | 79 | 56 | 4,522 |
| 51-55 | 3,221 | 91 | 47 | 34 | 42 | 36 | 3,471 |
| 56-60 | 2,935 | 78 | 24 | 17 | 38 | 37 | 3,129 |
| 61-65 | 2,410 | 51 | 24 | 14 | 19 | 28 | 2,546 |
| 66-70 | 1,913 | 25 | 13 | 9 | 15 | 30 | 2,005 |
| Over 70 | 2,576 | 18 | 5 | 11 | 16 | 31 | 2,657 |
| Unknown | 198 | 13 | 7 | 4 | 35 | 2,407 | 2,664 |
| **Total Drivers** | **82,287** | **3,106** | **2,006** | **1,545** | **2,660** | **3,882** | **95,486** |

| Property Damage Crashes | Not Drinking | Obviously Drunk | Ability Impaired | Not Impaired | Impairment Unknown | Not Stated | Total Drivers |
|---|---|---|---|---|---|---|---|
| **Age** | | | | | | | |
| Under 15 | 87 | | | 3 | | 5 | 95 |
| 15 | 188 | 1 | 5 | 1 | 3 | 9 | 207 |
| 16 | 4,646 | 17 | 27 | 28 | 25 | 62 | 4,805 |
| 17 | 5,956 | 43 | 44 | 45 | 38 | 71 | 6,197 |
| 18 | 5,854 | 83 | 83 | 70 | 72 | 79 | 6,241 |
| 19 | 5,675 | 106 | 87 | 91 | 95 | 81 | 6,135 |
| 20 | 5,328 | 99 | 61 | 102 | 108 | 73 | 5,771 |
| 21-25 | 25,977 | 654 | 488 | 589 | 459 | 422 | 28,589 |
| 26-30 | 21,075 | 621 | 348 | 389 | 306 | 310 | 23,049 |
| 31-35 | 17,103 | 439 | 218 | 229 | 199 | 232 | 18,420 |
| 36-40 | 13,938 | 293 | 151 | 152 | 157 | 178 | 14,869 |
| 41-45 | 10,599 | 197 | 110 | 84 | 72 | 110 | 11,172 |
| 46-50 | 7,667 | 120 | 69 | 48 | 38 | 66 | 8,008 |
| 51-55 | 5,861 | 104 | 32 | 36 | 20 | 63 | 6,116 |
| 56-60 | 5,190 | 80 | 29 | 29 | 31 | 68 | 5,427 |
| 61-65 | 4,418 | 64 | 22 | 17 | 17 | 37 | 4,575 |
| 66-70 | 3,534 | 30 | 18 | 22 | 13 | 27 | 3,644 |
| Over 70 | 4,808 | 15 | 6 | 7 | 4 | 44 | 4,884 |
| Unknown | 261 | 24 | 11 | 13 | 64 | 5,983 | 6,356 |
| **Total Drivers** | **148,165** | **2,990** | **1,809** | **1,955** | **1,721** | **7,920** | **164,560** |

| All Crashes | Not Drinking | Obviously Drunk | Ability Impaired | Not Impaired | Impairment Unknown | Not Stated | Total Drivers |
|---|---|---|---|---|---|---|---|
| **Age** | | | | | | | |
| Under 15 | 621 | 1 | 1 | 5 | 3 | 79 | 710 |
| 15 | 409 | 4 | 7 | 3 | 8 | 22 | 453 |
| 16 | 7,238 | 49 | 53 | 56 | 63 | 104 | 7,563 |
| 17 | 9,231 | 90 | 103 | 96 | 105 | 140 | 9,765 |
| 18 | 9,278 | 174 | 157 | 131 | 197 | 146 | 10,083 |
| 19 | 9,045 | 209 | 189 | 182 | 261 | 150 | 10,036 |
| 20 | 8,542 | 217 | 160 | 185 | 241 | 133 | 9,478 |
| 21-25 | 40,012 | 1,377 | 1,065 | 1,014 | 1,209 | 750 | 45,427 |
| 26-30 | 32,697 | 1,303 | 732 | 693 | 834 | 615 | 36,874 |
| 31-35 | 26,516 | 921 | 491 | 410 | 550 | 421 | 29,309 |
| 36-40 | 21,610 | 605 | 343 | 292 | 390 | 327 | 23,567 |
| 41-45 | 16,707 | 400 | 210 | 144 | 210 | 204 | 17,875 |
| 46-50 | 11,863 | 256 | 132 | 94 | 121 | 133 | 12,599 |
| 51-55 | 9,110 | 196 | 80 | 71 | 65 | 105 | 9,627 |
| 56-60 | 8,161 | 160 | 56 | 46 | 70 | 114 | 8,607 |
| 61-65 | 6,868 | 119 | 46 | 32 | 36 | 75 | 7,176 |
| 66-70 | 5,480 | 55 | 31 | 31 | 29 | 62 | 5,688 |
| Over 70 | 7,442 | 33 | 12 | 18 | 22 | 86 | 7,613 |
| Unknown | 460 | 37 | 18 | 17 | 100 | 8,419 | 9,051 |
| **Total Drivers** | **231,290** | **6,206** | **3,886** | **3,520** | **4,514** | **12,085** | **261,501** |

## Age and Sex of Persons Killed

| | All Persons Killed | | | | Pedestrians Killed | | | | Bicyclists Killed | | | | Motorcyclists Killed | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Age | Total | Male | Female | Not Stated | Total | Male | Female | Not Stated | Total | Male | Female | Not Stated | Total | Male | Female | Not Stated |
| Under 15 | 9 | 5 | 4 | | 1 | | 1 | | 2 | 2 | | | | | | |
| 15 | 7 | 6 | 1 | | | | | | | | | | | | | |
| 16 | 9 | 5 | 4 | | 1 | 1 | | | | | | | 1 | 1 | | |
| 17 | 12 | 10 | 2 | | | | | | | | | | | | | |
| 18 | 15 | 11 | 4 | | 1 | 1 | | | | | | | 2 | 2 | | |
| 19 | 21 | 15 | 6 | | | | | | 2 | 2 | | | 3 | 3 | | |
| 20 | 32 | 29 | 3 | | 3 | 3 | | | | | | | 1 | 1 | | |
| 21-25 | 133 | 121 | 12 | | 9 | 8 | 1 | | | | | | 9 | 9 | | |
| 26-30 | 76 | 65 | 11 | | 6 | 6 | | | 1 | 1 | | | 10 | 10 | | |
| 31-35 | 48 | 43 | 5 | | 4 | 4 | | | 1 | 1 | | | 8 | 8 | | |
| 36-40 | 31 | 24 | 7 | | 5 | 4 | 1 | | 1 | 1 | | | 1 | 1 | | |
| 41-45 | 40 | 30 | 10 | | 6 | 6 | | | | | | | | | | |
| 46-50 | 19 | 15 | 4 | | 3 | 2 | 1 | | | | | | 1 | 1 | | |
| 51-55 | 13 | 11 | 2 | | 1 | 1 | | | | | | | | | | |
| 56-60 | 17 | 15 | 2 | | 3 | 2 | 1 | | | | | | | | | |
| 61-65 | 12 | 9 | 3 | | 4 | 3 | 1 | | | | | | | | | |
| 66-70 | 12 | 8 | 4 | | 4 | 3 | 1 | | | | | | 1 | 1 | | |
| Over 70 | 12 | 10 | 2 | | 6 | 6 | | | | | | | | | | |
| Unknown | 4 | 1 | 3 | | 1 | 1 | | | | | | | | | | |
| **Total** | **522** | **433** | **89** | | **58** | **51** | **7** | | **7** | **7** | | | **37** | **37** | | |

# Age and Sex of Persons Injured

| | All Persons Injured | | | | Pedestrians Injured | | | | Bicyclists Injured | | | | Motorcyclists Injured | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Age | Total | Male | Female | Not Stated | Total | Male | Female | Not Stated | Total | Male | Female | Not Stated | Total | Male | Female | Not Stated |
| Under 15 | 568 | 285 | 282 | 1 | 14 | 11 | 3 | | 17 | 10 | 6 | 1 | 4 | 4 | | |
| 15 | 142 | 61 | 81 | | 2 | 1 | 1 | | 1 | 1 | | | | | | |
| 16 | 354 | 191 | 163 | | 7 | 4 | 3 | | 4 | 3 | 1 | | 2 | 1 | 1 | |
| 17 | 485 | 304 | 181 | | 7 | 4 | 3 | | 1 | 1 | | | 7 | 6 | 1 | |
| 18 | 634 | 461 | 173 | | 12 | 11 | 1 | | 2 | 2 | | | 12 | 11 | 1 | |
| 19 | 723 | 521 | 202 | | 16 | 10 | 6 | | 2 | 2 | | | 18 | 16 | 2 | |
| 20 | 651 | 468 | 183 | | 16 | 14 | 2 | | 1 | 1 | | | 21 | 18 | 3 | |
| 21-25 | 3,209 | 2,409 | 800 | | 75 | 54 | 21 | | 11 | 10 | 1 | | 120 | 110 | 10 | |
| 26-30 | 2,392 | 1,723 | 669 | | 68 | 50 | 18 | | 15 | 14 | 1 | | 79 | 72 | 7 | |
| 31-35 | 1,611 | 1,180 | 431 | | 53 | 40 | 13 | | 8 | 8 | | | 61 | 54 | 7 | |
| 36-40 | 1,102 | 772 | 330 | | 41 | 30 | 11 | | 7 | 7 | | | 27 | 26 | 1 | |
| 41-45 | 690 | 458 | 232 | | 21 | 17 | 4 | | | | | | 14 | 12 | 2 | |
| 46-50 | 442 | 306 | 136 | | 27 | 23 | 4 | | 1 | 1 | | | 3 | 3 | | |
| 51-55 | 308 | 198 | 110 | | 17 | 12 | 5 | | 2 | 2 | | | 3 | 3 | | |
| 56-60 | 253 | 170 | 83 | | 12 | 10 | 2 | | 3 | 3 | | | 2 | 2 | | |
| 61-65 | 181 | 114 | 67 | | 11 | 10 | 1 | | 1 | 1 | | | | | | |
| 66-70 | 114 | 78 | 36 | | 4 | 4 | | | | | | | | | | |
| Over 70 | 120 | 62 | 58 | | 6 | 4 | 2 | | 1 | | 1 | | 1 | 1 | | |
| Unknown | 193 | 121 | 65 | 7 | 11 | 9 | 2 | | 6 | 2 | | 4 | 3 | 2 | 1 | |
| **Total** | **14,172** | **9,882** | **4,282** | **8** | **420** | **318** | **102** | | **83** | **68** | **10** | **5** | **377** | **341** | **36** | |

# Virginia Crashes Involving **Automobiles**

## In 1988 there were:

- 653 automobile occupants killed
- 58,100 automobile occupants injured
- 124,839 automobile crashes
  - 728 fatal crashes
  - 45,364 personal injury crashes
  - 78,747 property damage crashes
- 3,298,207 automobiles were registered in Virginia with 3.8 percent involved in crashes

## The Driver

| | Drivers | Percent |
|---|---|---|
| **Driver Action** | | |
| Ran Traffic Control | 6,001 | 3.2 |
| Improper Passing | 1,784 | 1.0 |
| Left of Center—Not Passing | 2,406 | 1.3 |
| Failure to Yield | 24,078 | 12.9 |
| Inattention | 20,666 | 11.0 |
| Speed too Fast | 10,734 | 5.7 |
| Improper Turn | 3,370 | 1.8 |
| Improper Lane Change | 1,261 | 0.7 |
| Following too Close | 10,895 | 5.8 |
| Improper Backing | 660 | 0.4 |
| Illegal or Improper Parking | 441 | 0.2 |
| Lights Not On | 121 | 0.1 |
| Hit and Run | 2,573 | 1.4 |
| Avoiding Pedestrian | 216 | 0.1 |
| Avoiding Other Vehicle | 3,797 | 2.0 |
| No Violation | 83,478 | 44.6 |
| Other | 14,854 | 7.9 |
| **Total** | **187,335** | **100.0** |
| **Not Stated** | **4,363** | |
| **Grand Total** | **191,698** | |

| Drinking | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 173,747 | 93.0 |
| Drinking-Impaired | 7,286 | 3.9 |
| Drinking-Not Impaired | 2,628 | 1.4 |
| Drinking-Impairment Unknown | 3,258 | 1.7 |
| **Total** | **186,919** | **100.0** |
| **Not Stated** | **4,779** | |
| **Grand Total** | **191,698** | |

| Physical | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 181,787 | 97.3 |
| Physical Defect | 1,160 | 0.6 |
| Ill | 320 | 0.2 |
| Fatigued | 722 | 0.4 |
| Apparently Asleep | 1,997 | 1.1 |
| Other | 937 | 0.5 |
| **Total** | **186,923** | **100.0** |
| **Not Stated** | **4,775** | |
| **Grand Total** | **191,698** | |

| | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 15 | 72 | 36 | | 108 | 66.7 |
| 15 | 161 | 113 | | 274 | 58.8 |
| 16 | 3,562 | 2,954 | 1 | 6,517 | 54.7 |
| 17 | 4,782 | 3,687 | 1 | 8,470 | 56.5 |
| 18 | 4,868 | 3,499 | | 8,367 | 58.2 |
| 19 | 4,848 | 3,260 | | 8,108 | 59.8 |
| 20 | 4,453 | 3,080 | | 7,533 | 59.1 |
| 21-25 | 19,572 | 14,919 | 2 | 34,493 | 56.7 |
| 26-30 | 14,342 | 11,975 | | 26,317 | 54.5 |
| 31-35 | 10,868 | 9,955 | | 20,823 | 52.2 |
| 36-40 | 8,565 | 8,120 | 1 | 16,686 | 51.3 |
| 41-45 | 6,510 | 6,304 | | 12,814 | 50.8 |
| 46-50 | 4,575 | 4,348 | 1 | 8,924 | 51.3 |
| 51-55 | 3,678 | 3,137 | 2 | 6,817 | 54.0 |
| 56-60 | 3,372 | 2,846 | | 6,218 | 54.2 |
| 61-65 | 3,109 | 2,414 | | 5,523 | 56.3 |
| 66-70 | 2,698 | 1,916 | | 4,614 | 58.5 |
| Over 70 | 3,919 | 2,726 | 2 | 6,647 | 59.0 |
| Unknown | 135 | 47 | 2,263 | 2,445 | |
| **Total** | **104,089** | **85,336** | **2,273** | **191,698** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 97,544 | 51.1 |
| Turning Right | 6,336 | 3.3 |
| Turning Left | 24,778 | 13.0 |
| Making U-Turn | 1,017 | 0.5 |
| Slowing-Stopping | 10,659 | 5.6 |
| Ran Off Road | 15,856 | 8.3 |
| Stopped in Traffic | 20,544 | 10.8 |
| Backing | 1,216 | 0.6 |
| Passing | 1,916 | 1.0 |
| Changing Lanes | 4,577 | 2.4 |
| Other | 6,405 | 3.4 |
| **Total** | **190,848** | **100.0** |
| **Not Stated** | **850** | |
| **Grand Total** | **191,698** | |

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 183,861 | 97.8 |
| Lights | 295 | 0.2 |
| Brakes | 1,220 | 0.6 |
| Steering | 295 | 0.2 |
| Tires | 1,270 | 0.7 |
| Motor | 456 | 0.2 |
| Other | 602 | 0.3 |
| **Total** | **187,999** | **100.0** |
| **Not Stated** | **3,699** | |
| **Grand Total** | **191,698** | |

## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 79,405 | 63.7 |
| Cloudy | 22,114 | 17.7 |
| Fog | 871 | 0.7 |
| Mist | 3,217 | 2.6 |
| Rain | 16,858 | 13.5 |
| Snow | 1,831 | 1.5 |
| Sleet | 245 | 0.2 |
| Smoke/Dust | 8 | |
| Other | 85 | 0.1 |
| **Total** | **124,634** | **100.0** |
| **Not Stated** | **205** | |
| **Grand Total** | **124,839** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 2,491 | 2.0 |
| Daylight | 82,713 | 66.4 |
| Dusk | 3,841 | 3.1 |
| Darkness (road lighted) | 18,052 | 14.5 |
| Darkness (road unlighted) | 17,501 | 14.0 |
| **Total** | **124,598** | **100.0** |
| **Not Stated** | **241** | |
| **Grand Total** | **124,839** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 23,884 | 19.3 |
| Traffic Signals | 22,336 | 18.0 |
| Stop Sign | 15,166 | 12.2 |
| Slow/Warning Sign | 1,066 | 0.9 |
| Yield Sign | 1,907 | 1.5 |
| No Passing Zone | 9,307 | 7.5 |
| R.R. Warning Sign | 53 | |
| R.R. Signals | 30 | |
| R.R. Gate and Signals | 56 | |
| Other | 50,185 | 40.5 |
| **Total** | **123,990** | **100.0** |
| **Not Stated** | **849** | |
| **Grand Total** | **124,839** | |

# Virginia Crashes Involving **Bicycles**

## In 1988 there were:

- 20 bicycle riders killed in bicycle/motor vehicle crashes
- 1,250 bicycle riders injured in bicycle/motor vehicle crashes
- 1,304 bicycle/motor vehicle crashes
  - 21 fatal crashes
  - 1,238 personal injury crashes
  - 45 property damage crashes

## The Bicyclist

| | Riders | Percent |
|---|---|---|
| **Bicyclist Action** | | |
| Ran Traffic Control | 110 | 9.3 |
| Improper Passing | 19 | 1.6 |
| Left of Center—Not Passing | 81 | 6.9 |
| Failure to Yield | 195 | 16.5 |
| Inattention | 147 | 12.4 |
| Speed too Fast | 7 | 0.6 |
| Improper Turn | 46 | 3.9 |
| Improper Lane Change | 18 | 1.5 |
| Following too Close | 4 | 0.3 |
| Improper Backing | 4 | 0.3 |
| Illegal or Improper Parking | 2 | 0.2 |
| Lights Not On | 30 | 2.5 |
| Hit and Run | 7 | 0.6 |
| Avoiding Pedestrian | | |
| Avoiding Other Vehicle | 8 | 0.7 |
| No Violation | 346 | 29.3 |
| Other | 157 | 13.3 |
| **Total** | **1,181** | **100.0** |
| **Not Stated** | **139** | |
| **Grand Total** | **1,320** | |

| Drinking | Riders | Percent |
|---|---|---|
| **Bicyclist Condition** | | |
| Not Impaired | 1,092 | 95.1 |
| Drinking-Impaired | 25 | 2.2 |
| Drinking-Not Impaired | 8 | 0.7 |
| Drinking-Impairment Unknown | 23 | 2.0 |
| **Total** | **1,148** | **100.0** |
| **Not Stated** | **172** | |
| **Grand Total** | **1,320** | |

| Physical | Riders | Percent |
|---|---|---|
| **Bicyclist Condition** | | |
| Not Impaired | 1,108 | 97.7 |
| Physical Defect Ill | 13 | 1.1 |
| Fatigued Apparently Asleep | 3 | 0.3 |
| Other | 10 | 0.9 |
| **Total** | **1,134** | **100.0** |
| **Not Stated** | **186** | |
| **Grand Total** | **1,320** | |

| | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 5 | 13 | | | 13 | 100.0 |
| 5-9 | 157 | 40 | 2 | 199 | 79.7 |
| 10-14 | 239 | 44 | 3 | 286 | 84.5 |
| 15 | 54 | 5 | | 59 | 91.5 |
| 16 | 56 | 6 | 1 | 63 | 90.3 |
| 17 | 36 | 8 | | 44 | 81.8 |
| 18 | 36 | 4 | 1 | 41 | 90.0 |
| 19 | 29 | 7 | | 36 | 80.6 |
| 20 | 28 | 6 | | 34 | 82.4 |
| 21-25 | 123 | 27 | | 150 | 82.0 |
| 26-30 | 98 | 16 | 1 | 115 | 86.0 |
| 31-35 | 62 | 13 | 1 | 76 | 82.7 |
| 36-40 | 42 | 9 | 1 | 52 | 82.4 |
| 41-45 | 14 | 5 | | 19 | 73.7 |
| 46-50 | 10 | 2 | | 12 | 83.3 |
| 51-55 | 12 | 1 | | 13 | 92.3 |
| 56-60 | 10 | | | 10 | 100.0 |
| 61-65 | 12 | | | 12 | 100.0 |
| 66-70 | 9 | | | 9 | 100.0 |
| Over 70 | 3 | 2 | | 5 | 60.0 |
| Unknown | 11 | 2 | 59 | 72 | |
| **Total** | **1,054** | **197** | **69** | **1,320** | |

## The Bicycle

| | Bicycles | Percent |
|---|---|---|
| **Bycycle Action** | | |
| Going Straight | 787 | 66.2 |
| Turning Right | 47 | 4.0 |
| Turning Left | 106 | 8.9 |
| Making U-Turn | 5 | 0.4 |
| Slowing-Stopping | 9 | 0.8 |
| Ran Off Road | 9 | 0.8 |
| Stopped in Traffic | 10 | 0.8 |
| Backing | 7 | 0.6 |
| Passing | 12 | 1.0 |
| Changing Lanes | 30 | 2.5 |
| Other | 166 | 14.0 |
| **Total** | **1,188** | **100.0** |
| **Not Stated** | **132** | |
| **Grand Total** | **1,320** | |

| | Bicycles | Percent |
|---|---|---|
| **Bicycle Defect** | | |
| No Defect | 1,015 | 92.1 |
| Lights | 22 | 2.0 |
| Brakes | 36 | 3.3 |
| Steering | 4 | 0.4 |
| Tires | 3 | 0.3 |
| Motor | | |
| Other | 20 | 1.8 |
| **Total** | **1,100** | **100.0** |
| **Not Stated** | **220** | |
| **Grand Total** | **1,320** | |

## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 1,008 | 77.4 |
| Cloudy | 216 | 16.6 |
| Fog | 1 | 0.1 |
| Mist | 17 | 1.3 |
| Rain | 59 | 4.5 |
| Snow | 1 | 0.1 |
| Sleet | | |
| Smoke/Dust | | |
| Other | | |
| **Total** | **1,302** | **100.0** |
| **Not Stated** | **2** | |
| **Grand Total** | **1,304** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 17 | 1.3 |
| Daylight | 1,004 | 77.0 |
| Dusk | 54 | 4.1 |
| Darkness (road lighted) | 156 | 12.0 |
| Darkness (road unlighted) | 73 | 5.6 |
| **Total** | **1,304** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **1,304** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 416 | 32.2 |
| Traffic Signals | 168 | 13.0 |
| Stop Sign | 252 | 19.5 |
| Slow/Warning Sign | 5 | 0.4 |
| Yield Sign | 27 | 2.1 |
| No Passing Zone | 39 | 3.0 |
| R.R. Warning Sign | 1 | 0.1 |
| R.R. Signals | | |
| R.R. Gate and Signals | | |
| Other | 383 | 29.7 |
| **Total** | **1,291** | **100.0** |
| **Not Stated** | **13** | |
| **Grand Total** | **1,304** | |

# Virginia Crashes Involving **Buses**

## In 1988 there were:

- 0 bus occupants killed
- 308 bus occupants injured
- 605 bus crashes
  - 2 fatal crashes
  - 234 personal injury crashes
  - 369 property damage crashes
- 1,095 buses were registered in Virginia with 55.3 percent involved in crashes.

NOTE: This table includes city transit and intercity buses but excludes school buses.

## The Driver

| | Drivers | Percent |
|---|---|---|
| **Driver Action** | | |
| Ran Traffic Control | 10 | 1.7 |
| Improper Passing | 6 | 1.0 |
| Left of Center—Not Passing | | |
| Failure to Yield | 32 | 5.4 |
| Inattention | 44 | 7.4 |
| Speed too Fast | 12 | 2.0 |
| Improper Turn | 19 | 3.2 |
| Improper Lane Change | 10 | 1.7 |
| Following too Close | 33 | 5.6 |
| Improper Backing | 10 | 1.7 |
| Illegal or Improper Parking | 3 | 0.5 |
| Lights Not On | | |
| Hit and Run | 2 | 0.3 |
| Avoiding Pedestrian | | |
| Avoiding Other Vehicle | 15 | 2.5 |
| No Violation | 363 | 61.2 |
| Other | 34 | 5.7 |
| **Total** | **593** | **100.0** |
| **Not Stated** | **18** | |
| **Grand Total** | **611** | |

| Drinking | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 600 | 99.7 |
| Drinking-Impaired | | |
| Drinking-Not Impaired | 1 | 0.2 |
| Drinking-Impairment Unknown | 1 | 0.2 |
| **Total** | **602** | **100.0** |
| **Not Stated** | **9** | |
| **Grand Total** | **611** | |

| Physical | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 601 | 99.7 |
| Physical Defect | | |
| Ill | 1 | 0.2 |
| Fatigued | 1 | 0.2 |
| Apparently Asleep | | |
| Other | | |
| **Total** | **603** | **100.0** |
| **Not Stated** | **8** | |
| **Grand Total** | **611** | |

| | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 15 | | | | | |
| 15 | | | | | |
| 16 | | | | | |
| 17 | 1 | 1 | | 2 | 50.0 |
| 18 | 1 | 1 | | 2 | 50.0 |
| 19 | 3 | 1 | | 4 | 75.0 |
| 20 | 1 | | | 1 | 100.0 |
| 21-25 | 30 | 25 | | 55 | 54.5 |
| 26-30 | 38 | 33 | | 71 | 53.5 |
| 31-35 | 52 | 34 | | 86 | 60.5 |
| 36-40 | 70 | 31 | | 101 | 69.3 |
| 41-45 | 54 | 27 | | 81 | 66.7 |
| 46-50 | 67 | 15 | | 82 | 81.7 |
| 51-55 | 43 | 7 | | 50 | 86.0 |
| 56-60 | 29 | 9 | | 38 | 76.3 |
| 61-65 | 23 | 3 | | 26 | 88.5 |
| 66-70 | 7 | | | 7 | 100.0 |
| Over 70 | | 1 | | 1 | |
| Unknown | | | 4 | 4 | |
| **Total** | **419** | **188** | **4** | **611** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 291 | 47.9 |
| Turning Right | 40 | 6.6 |
| Turning Left | 61 | 10.0 |
| Making U-Turn | 3 | 0.5 |
| Slowing-Stopping | 37 | 6.1 |
| Ran Off Road | 10 | 1.6 |
| Stopped in Traffic | 104 | 17.1 |
| Backing | 12 | 2.0 |
| Passing | 3 | 0.5 |
| Changing Lanes | 24 | 3.9 |
| Other | 23 | 3.8 |
| **Total** | **608** | **100.0** |
| **Not Stated** | **3** | |
| **Grand Total** | **611** | |

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 580 | 97.0 |
| Lights | | |
| Brakes | 11 | 1.8 |
| Steering | | |
| Tires | 4 | 0.7 |
| Motor | | |
| Other | 3 | 0.5 |
| **Total** | **598** | **100.0** |
| **Not Stated** | **13** | |
| **Grand Total** | **611** | |

## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 379 | 62.6 |
| Cloudy | 120 | 19.8 |
| Fog | 3 | 0.5 |
| Mist | 11 | 1.8 |
| Rain | 76 | 12.6 |
| Snow | 14 | 2.3 |
| Sleet | | |
| Smoke/Dust | | |
| Other | 2 | 0.3 |
| **Total** | **605** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **605** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 18 | 3.0 |
| Daylight | 476 | 78.7 |
| Dusk | 9 | 1.5 |
| Darkness (road lighted) | 78 | 12.9 |
| Darkness (road unlighted) | 24 | 4.0 |
| **Total** | **605** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **605** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 98 | 16.3 |
| Traffic Signals | 146 | 24.3 |
| Stop Sign | 64 | 10.6 |
| Slow/Warning Sign | 1 | 0.2 |
| Yield Sign | 15 | 2.5 |
| No Passing Zone | 17 | 2.8 |
| R.R. Warning Sign | | |
| R.R. Signals | | |
| R.R. Gate and Signals | 2 | 0.3 |
| Other | 258 | 42.9 |
| **Total** | **601** | **100.0** |
| **Not Stated** | **4** | |
| **Grand Total** | **605** | |

# Virginia Crashes Involving **Mopeds**

## In 1988 there were:

- 0 moped riders killed in moped/motor vehicle crashes
- 249 moped riders injured in moped/motor vehicle crashes
- 293 moped/motor vehicle crashes
  - 1 fatal crash
  - 239 personal injury crashes
  - 53 property damage crashes

## The Driver

| | Drivers | Percent |
|---|---|---|
| **Driver Action** | | |
| Ran Traffic Control | 22 | 7.7 |
| Improper Passing | 7 | 2.5 |
| Left of Center—Not Passing | 8 | 2.8 |
| Failure to Yield | 34 | 12.0 |
| Inattention | 41 | 14.4 |
| Speed too Fast | 6 | 2.1 |
| Improper Turn | 11 | 3.9 |
| Improper Lane Change | 1 | 0.4 |
| Following too Close | 7 | 2.5 |
| Improper Backing | | |
| Illegal or Improper Parking | | |
| Lights Not On | 1 | 0.4 |
| Hit and Run | 4 | 1.4 |
| Avoiding Pedestrian | 1 | 0.4 |
| Avoiding Other Vehicle | 4 | 1.4 |
| No Violation | 101 | 35.6 |
| Other | 36 | 12.7 |
| **Total** | **284** | **100.0** |
| **Not Stated** | **11** | |
| **Grand Total** | **295** | |

| Drinking | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 240 | 85.1 |
| Drinking-Impaired | 22 | 7.8 |
| Drinking-Not Impaired | 8 | 2.8 |
| Drinking-Impairment Unknown | 12 | 4.3 |
| **Total** | **282** | **100.0** |
| **Not Stated** | **13** | |
| **Grand Total** | **295** | |

| Physical | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 272 | 95.4 |
| Physical Defect | 6 | 2.1 |
| Ill | 1 | 0.4 |
| Fatigued | 1 | 0.4 |
| Apparently Asleep | 1 | 0.4 |
| Other | 4 | 1.4 |
| **Total** | **285** | **100.0** |
| **Not Stated** | **10** | |
| **Grand Total** | **295** | |

| | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 5 | | | | | |
| 5-9 | | | | | |
| 10-14 | 24 | 5 | | 29 | 82.8 |
| 15 | 31 | 5 | | 36 | 86.1 |
| 16 | 23 | 3 | | 26 | 88.5 |
| 17 | 13 | 3 | | 16 | 81.3 |
| 18 | 13 | 5 | | 18 | 72.2 |
| 19 | 7 | | | 7 | 100.0 |
| 20 | 11 | 2 | | 13 | 84.6 |
| 21-25 | 38 | 7 | | 45 | 84.4 |
| 26-30 | 18 | 5 | | 23 | 78.3 |
| 31-35 | 13 | 4 | | 17 | 76.5 |
| 36-40 | 11 | 5 | | 16 | 68.8 |
| 41-45 | 5 | 1 | | 6 | 83.3 |
| 46-50 | 8 | 5 | | 13 | 61.5 |
| 51-55 | 3 | | | 3 | 100.0 |
| 56-60 | 5 | | | 5 | 100.0 |
| 61-65 | 6 | | | 6 | 100.0 |
| 66-70 | 5 | 1 | | 6 | 83.3 |
| Over 70 | 4 | 2 | | 6 | 66.7 |
| Unknown | | | 4 | | |
| **Total** | **238** | **53** | **4** | **295** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 193 | 65.9 |
| Turning Right | 13 | 4.4 |
| Turning Left | 36 | 12.3 |
| Making U-Turn | 1 | 0.3 |
| Slowing-Stopping | 7 | 2.4 |
| Ran Off Road | 12 | 4.1 |
| Stopped in Traffic | 9 | 3.1 |
| Backing | 1 | 0.3 |
| Passing | 5 | 1.7 |
| Changing Lanes | 6 | 2.0 |
| Other | 10 | 3.4 |
| **Total** | **293** | **100.0** |
| **Not Stated** | **2** | |
| **Grand Total** | **295** | |

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 275 | 96.8 |
| Lights | 3 | 1.1 |
| Brakes | 2 | 0.7 |
| Steering | | |
| Tires | | |
| Motor | | |
| Other | 4 | 1.4 |
| **Total** | **284** | **100.0** |
| **Not Stated** | **11** | |
| **Grand Total** | **295** | |

## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 217 | 74.1 |
| Cloudy | 53 | 18.1 |
| Fog | 1 | 0.3 |
| Mist | 4 | 1.4 |
| Rain | 17 | 5.8 |
| Snow | | |
| Sleet | | |
| Smoke/Dust | | |
| Other | 1 | 0.3 |
| **Total** | **293** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **293** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 3 | 1.0 |
| Daylight | 198 | 67.6 |
| Dusk | 13 | 4.4 |
| Darkness (road lighted) | 54 | 18.4 |
| Darkness (road unlighted) | 25 | 8.5 |
| **Total** | **293** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **293** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 100 | 34.4 |
| Traffic Signals | 36 | 12.4 |
| Stop Sign | 47 | 16.2 |
| Slow/Warning Sign | | |
| Yield Sign | 5 | 1.7 |
| No Passing Zone | 10 | 3.4 |
| R.R. Warning Sign | | |
| R.R. Signals | | |
| R.R. Gate and Signals | | |
| Other | 93 | 32.0 |
| **Total** | **291** | **100.0** |
| **Not Stated** | **2** | |
| **Grand Total** | **293** | |

# Virginia Crashes Involving **Motorcycles**

## In 1988 there were:

- 65 motorcycle occupants killed
- 1,858 motorcycle occupants injured
- 1,944 motorcycle crashes
  - 67 fatal crashes
  - 1,670 personal injury crashes
  - 207 property damage crashes
- 66,327 motorcycles were registered in Virginia with 2.9 percent involved in crashes.

## The Driver

| | Drivers | Percent |
|---|---|---|
| **Driver Action** | | |
| Ran Traffic Control | 50 | 2.6 |
| Improper Passing | 50 | 2.6 |
| Left of Center—Not Passing | 29 | 1.5 |
| Failure to Yield | 67 | 3.5 |
| Inattention | 226 | 11.7 |
| Speed too Fast | 311 | 16.1 |
| Improper Turn | 18 | 0.9 |
| Improper Lane Change | 6 | 0.3 |
| Following too Close | 71 | 3.7 |
| Improper Backing | 1 | 0.1 |
| Illegal or Improper Parking | 3 | 0.2 |
| Lights Not On | 7 | 0.4 |
| Hit and Run | 19 | 1.0 |
| Avoiding Pedestrian | 5 | 0.3 |
| Avoiding Other Vehicle | 89 | 4.6 |
| No Violation | 739 | 38.3 |
| Other | 240 | 12.4 |
| **Total** | **1,931** | **100.0** |
| **Not Stated** | **47** | |
| **Grand Total** | **1,978** | |

| Drinking | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 1,543 | 82.4 |
| Drinking-Impaired | 147 | 7.9 |
| Drinking-Not Impaired | 61 | 3.3 |
| Drinking-Impairment Unknown | 121 | 6.5 |
| **Total** | **1,872** | **100.0** |
| **Not Stated** | **106** | |
| **Grand Total** | **1,978** | |

| Physical | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 1,853 | 98.1 |
| Physical Defect | 10 | 0.5 |
| Ill | 3 | 0.2 |
| Fatigued | 4 | 0.2 |
| Apparently Asleep | 3 | 0.2 |
| Other | 15 | 0.8 |
| **Total** | **1,888** | **100.0** |
| **Not Stated** | **90** | |
| **Grand Total** | **1,978** | |

| | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 15 | 20 | 1 | | 21 | 95.2 |
| 15 | 9 | 1 | | 10 | 90.0 |
| 16 | 21 | 2 | | 23 | 91.3 |
| 17 | 38 | 3 | | 41 | 92.7 |
| 18 | 92 | 1 | | 93 | 98.9 |
| 19 | 137 | 1 | | 138 | 99.3 |
| 20 | 122 | 1 | | 123 | 99.2 |
| 21-25 | 531 | 13 | | 544 | 97.6 |
| 26-30 | 385 | 14 | | 399 | 96.5 |
| 31-35 | 233 | 5 | | 238 | 97.9 |
| 36-40 | 129 | 5 | | 134 | 96.3 |
| 41-45 | 70 | 5 | 1 | 76 | 93.3 |
| 46-50 | 49 | 2 | | 51 | 96.1 |
| 51-55 | 22 | 3 | | 25 | 88.0 |
| 56-60 | 13 | | | 13 | 100.0 |
| 61-65 | 8 | | | 8 | 100.0 |
| 66-70 | 5 | | | 5 | 100.0 |
| Over 70 | 3 | | | 3 | 100.0 |
| Unknown | 3 | | 30 | 33 | |
| **Total** | **1,890** | **57** | **31** | **1,978** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 1,253 | 63.8 |
| Turning Right | 51 | 2.6 |
| Turning Left | 100 | 5.1 |
| Making U-Turn | 6 | 0.3 |
| Slowing-Stopping | 78 | 4.0 |
| Ran Off Road | 293 | 14.9 |
| Stopped in Traffic | 47 | 2.4 |
| Backing | | |
| Passing | 52 | 2.6 |
| Changing Lanes | 42 | 2.1 |
| Other | 41 | 2.1 |
| **Total** | **1,963** | **100.0** |
| **Not Stated** | **15** | |
| **Grand Total** | **1,978** | |

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 1,803 | 94.5 |
| Lights | 10 | 0.5 |
| Brakes | 17 | 0.9 |
| Steering | 12 | 0.6 |
| Tires | 48 | 2.5 |
| Motor | 3 | 0.2 |
| Other | 15 | 0.8 |
| **Total** | **1,908** | **100.0** |
| **Not Stated** | **70** | |
| **Grand Total** | **1,978** | |

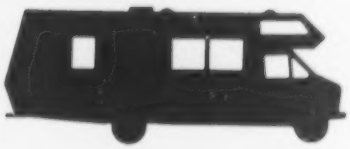
## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 1,532 | 79.0 |
| Cloudy | 284 | 14.6 |
| Fog | 8 | 0.4 |
| Mist | 30 | 1.5 |
| Rain | 83 | 4.3 |
| Snow | 2 | 0.1 |
| Sleet | | |
| Smoke/Dust | 1 | 0.1 |
| Other | | |
| **Total** | **1,940** | **100.0** |
| **Not Stated** | **4** | |
| **Grand Total** | **1,944** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 28 | 1.4 |
| Daylight | 1,235 | 63.7 |
| Dusk | 66 | 3.4 |
| Darkness (road lighted) | 368 | 19.0 |
| Darkness (road unlighted) | 242 | 12.5 |
| **Total** | **1,939** | **100.0** |
| **Not Stated** | **5** | |
| **Grand Total** | **1,944** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 510 | 26.5 |
| Traffic Signals | 230 | 12.0 |
| Stop Sign | 209 | 10.9 |
| Slow/Warning Sign | 29 | 1.5 |
| Yield Sign | 18 | 0.9 |
| No Passing Zone | 169 | 8.8 |
| R.R. Warning Sign | | |
| R.R. Signals | 1 | 0.1 |
| R.R. Gate and Signals | 4 | 0.2 |
| Other | 754 | 39.2 |
| **Total** | **1,924** | **100.0** |
| **Not Stated** | **20** | |
| **Grand Total** | **1,944** | |

# Virginia Crashes Involving
# Motorhomes/Recreational Vehicles



## In 1988 there were:

- 0 motorhomes/recreational vehicle occupants killed
- 12 motorhomes/recreational vehicle occupants injured
- 135 motorhomes/recreational vehicle crashes
  - 0 fatal crashes
  - 34 personal injury crashes
  - 101 property damage crashes
- 12,454 motorhomes were registered in Virginia with 1.1 percent involved in crashes.

## The Driver

| | Drivers | Percent |
|---|---|---|
| **Driver Action** | | |
| Ran Traffic Control | 3 | 2.3 |
| Improper Passing | 1 | 0.8 |
| Left of Center—Not Passing | 1 | 0.8 |
| Failure to Yield | 13 | 9.9 |
| Inattention | 17 | 13.0 |
| Speed too Fast | 2 | 1.5 |
| Improper Turn | 9 | 6.9 |
| Improper Lane Change | 10 | 7.6 |
| Following too Close | 3 | 2.3 |
| Improper Backing | 4 | 3.1 |
| Illegal or Improper Parking | | |
| Lights Not On | | |
| Hit and Run | 2 | 1.5 |
| Avoiding Pedestrian | 1 | 0.8 |
| Avoiding Other Vehicle | 4 | 3.1 |
| No Violation | 52 | 39.7 |
| Other | 9 | 6.9 |
| **Total** | **131** | **100.0** |
| **Not Stated** | **4** | |
| **Grand Total** | **135** | |

| Drinking | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 126 | 96.2 |
| Drinking-Impaired | 2 | 1.5 |
| Drinking-Not Impaired | 2 | 1.5 |
| Drinking-Impairment Unknown | 1 | 0.8 |
| **Total** | **131** | **100.0** |
| **Not Stated** | **4** | |
| **Grand Total** | **135** | |

| Physical | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 126 | 96.9 |
| Physical Defect Ill | 2 | 1.5 |
| Fatigued Apparently Asleep | 1 | 0.8 |
| Other | 1 | 0.8 |
| **Total** | **130** | **100.0** |
| **Not Stated** | **5** | |
| **Grand Total** | **135** | |

| | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 15 | | | | | |
| 15 | | | | | |
| 16 | | | | | |
| 17 | | | | | |
| 18 | | 1 | | 1 | |
| 19 | 1 | | | 1 | 100.0 |
| 20 | | | | | |
| 21-25 | 3 | 3 | | 6 | 50.0 |
| 26-30 | 7 | | | 7 | 100.0 |
| 31-35 | 9 | 3 | | 12 | 75.0 |
| 36-40 | 9 | 1 | | 10 | 90.0 |
| 41-45 | 13 | 1 | | 14 | 92.9 |
| 46-50 | 6 | 1 | | 7 | 85.7 |
| 51-55 | 6 | 1 | | 7 | 85.7 |
| 56-60 | 14 | 2 | | 16 | 87.5 |
| 61-65 | 18 | | | 18 | 100.0 |
| 66-70 | 19 | 2 | | 21 | 90.5 |
| Over 70 | 11 | | | 11 | 100.0 |
| Unknown | 1 | | 3 | 4 | |
| **Total** | **117** | **15** | **3** | **135** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 65 | 48.1 |
| Turning Right | 4 | 3.0 |
| Turning Left | 19 | 14.1 |
| Making U-Turn | 1 | 0.7 |
| Slowing-Stopping | 4 | 3.0 |
| Ran Off Road | 8 | 5.9 |
| Stopped in Traffic | 7 | 5.2 |
| Backing | 5 | 3.7 |
| Passing | 2 | 1.5 |
| Changing Lanes | 13 | 9.6 |
| Other | 7 | 5.2 |
| **Total** | **135** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **135** | |

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 127 | 96.2 |
| Lights | 1 | 0.8 |
| Brakes | 1 | 0.8 |
| Steering | | |
| Tires | 1 | 0.8 |
| Motor | 1 | 0.8 |
| Other | 1 | 0.8 |
| **Total** | **132** | **100.0** |
| **Not Stated** | **3** | |
| **Grand Total** | **135** | |

## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 90 | 67.2 |
| Cloudy | 24 | 17.9 |
| Fog | | |
| Mist | 6 | 4.5 |
| Rain | 14 | 10.4 |
| Snow | | |
| Sleet | | |
| Smoke/Dust | | |
| Other | | |
| **Total** | **134** | **100.0** |
| **Not Stated** | **1** | |
| **Grand Total** | **135** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 2 | 1.5 |
| Daylight | 100 | 74.1 |
| Dusk | 5 | 3.7 |
| Darkness (road lighted) | 12 | 8.9 |
| Darkness (road unlighted) | 16 | 11.9 |
| **Total** | **135** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **135** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 18 | 13.3 |
| Traffic Signals | 19 | 14.1 |
| Stop Sign | 9 | 6.7 |
| Slow/Warning Sign | 1 | 0.7 |
| Yield Sign | | |
| No Passing Zone | 5 | 3.7 |
| R.R. Warning Sign | | |
| R.R. Signals | | |
| R.R. Gate and Signals | | |
| Other | 83 | 61.5 |
| **Total** | **135** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **135** | |

# Virginia Crashes Involving **Pedestrians**

## In 1988 there were:

- 131 pedestrians killed in pedestrian/motor vehicle crashes
- 2,160 pedestrians injured in pedestrian/motor vehicle crashes
- 2,201 pedestrian/motor vehicle crashes
  - 132 fatal crashes
  - 2,069 personal injury crashes

## The Pedestrian

| | Pedestrians | Percent |
|---|---|---|
| **Pedestrian Action** | | |
| Crossing Against Signal | 118 | 5.3 |
| Crossing Not at Crosswalk | 603 | 27.3 |
| Crossing With Signal | 124 | 5.6 |
| Walking With Traffic | 141 | 6.4 |
| Walking Against Traffic | 70 | 3.2 |
| Came Onto Road Between Parked Cars | 178 | 8.1 |
| Getting On or Off Vehicle | 41 | 1.9 |
| Working on Road | 36 | 1.6 |
| Standing or Lying on Road | 172 | 7.8 |
| Other | 724 | 32.8 |
| **Total** | **2,207** | **100.0** |
| **Not Stated** | **84** | |
| **Grand Total** | **2,291** | |

| Drinking | Pedestrians | Percent |
|---|---|---|
| **Pedestrian Condition** | | |
| Not Impaired | 1,647 | 82.1 |
| Drinking-Impaired | 190 | 9.5 |
| Drinking-Not Impaired | 29 | 1.4 |
| Drinking-Impairment Unknown | 139 | 6.9 |
| **Total** | **2,005** | **100.0** |
| **Not Stated** | **286** | |
| **Grand Total** | **2,291** | |

| Physical | Pedestrians | Percent |
|---|---|---|
| **Pedestrian Condition** | | |
| Not Impaired | 1,805 | 90.9 |
| Physical Defect | 61 | 3.1 |
| Ill | 2 | 0.1 |
| Fatigued Apparently Asleep | 27 | 1.4 |
| Other | 91 | 4.6 |
| **Total** | **1,986** | **100.0** |
| **Not Stated** | **305** | |
| **Grand Total** | **2,291** | |

| | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 5 | 102 | 45 | | 147 | 69.4 |
| 5-9 | 185 | 113 | | 298 | 62.1 |
| 10-14 | 154 | 84 | | 238 | 64.7 |
| 15 | 18 | 24 | | 42 | 42.9 |
| 16 | 29 | 15 | | 44 | 65.9 |
| 17 | 33 | 21 | | 54 | 61.1 |
| 18 | 38 | 18 | | 56 | 67.9 |
| 19 | 33 | 19 | | 52 | 63.5 |
| 20 | 37 | 18 | | 55 | 67.3 |
| 21-25 | 155 | 87 | | 242 | 64.0 |
| 26-30 | 142 | 64 | | 206 | 68.9 |
| 31-35 | 109 | 53 | | 162 | 67.3 |
| 36-40 | 97 | 50 | | 147 | 66.0 |
| 41-45 | 60 | 35 | | 95 | 63.2 |
| 46-50 | 55 | 32 | | 87 | 63.2 |
| 51-55 | 46 | 28 | | 74 | 62.2 |
| 56-60 | 28 | 26 | | 54 | 51.9 |
| 61-65 | 38 | 25 | | 63 | 60.3 |
| 66-70 | 26 | 16 | | 42 | 61.9 |
| Over 70 | 49 | 43 | | 92 | 53.3 |
| Unknown | 29 | 12 | | 41 | 70.7 |
| **Total** | **1,463** | **828** | | **2,291** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 1,639 | 70.1 |
| Turning Right | 127 | 5.4 |
| Turning Left | 106 | 4.5 |
| Making U-Turn | 4 | 0.2 |
| Slowing-Stopping | 47 | 2.0 |
| Ran Off Road | 92 | 3.9 |
| Stopped in Traffic | 90 | 3.8 |
| Backing | 74 | 3.2 |
| Passing | 31 | 1.3 |
| Changing Lanes | 28 | 1.2 |
| Other | 100 | 4.3 |
| **Total** | **2,338** | **100.0** |
| **Not Stated** | **34** | |
| **Grand Total** | **2,372** | |

NOTE: This format for pedestrians is based on action of the vehicle striking pedestrian.

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 2,018 | 96.6 |
| Lights | 5 | 0.2 |
| Brakes | 7 | 0.3 |
| Steering | 2 | 0.1 |
| Tires | 17 | 0.8 |
| Motor | 17 | 0.8 |
| Other | 22 | 1.1 |
| **Total** | **2,088** | **100.0** |
| **Not Stated** | **284** | |
| **Grand Total** | **2,372** | |

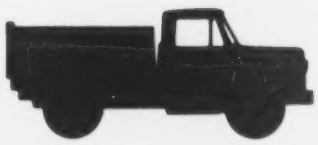
## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 1,574 | 71.6 |
| Cloudy | 385 | 17.5 |
| Fog | 9 | 0.4 |
| Mist | 45 | 2.0 |
| Rain | 165 | 7.5 |
| Snow | 19 | 0.9 |
| Sleet | | |
| Smoke/Dust | | |
| Other | 1 | |
| **Total** | **2,198** | **100.0** |
| **Not Stated** | **3** | |
| **Grand Total** | **2,201** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 30 | 1.4 |
| Daylight | 1,289 | 58.8 |
| Dusk | 95 | 4.3 |
| Darkness (road lighted) | 492 | 22.4 |
| Darkness (road unlighted) | 288 | 13.1 |
| **Total** | **2,194** | **100.0** |
| **Not Stated** | **7** | |
| **Grand Total** | **2,201** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 719 | 33.2 |
| Traffic Signals | 315 | 14.5 |
| Stop Sign | 106 | 4.9 |
| Slow/Warning Sign | 14 | 0.6 |
| Yield Sign | 113 | 5.2 |
| No Passing Zone | 9 | 0.4 |
| R.R. Warning Sign | | |
| R.R. Signals | | |
| R.R. Gate and Signals | 1 | |
| Other | 891 | 41.1 |
| **Total** | **2,168** | **100.0** |
| **Not Stated** | **33** | |
| **Grand Total** | **2,201** | |

# Virginia Crashes Involving
# Pickups and Passenger Trucks



## In 1988 there were:

- 134 pick-up/passenger truck occupants killed
- 8,711 pick-up/passenger truck occupants injured
- 32,396 pick-up/passenger truck crashes
  - 226 fatal crashes
  - 11,186 personal injury crashes
  - 20,984 property damage crashes
- 720,285 pick-up/passenger trucks were registered in Virginia with 4.5 percent involved in crashes.

## The Driver

| | Drivers | Percent |
|---|---|---|
| **Driver Action** | | |
| Ran Traffic Control | 816 | 2.4 |
| Improper Passing | 339 | 1.0 |
| Left of Center—Not Passing | 763 | 2.2 |
| Failure to Yield | 3,252 | 9.5 |
| Inattention | 4,182 | 12.2 |
| Speed too Fast | 2,554 | 7.4 |
| Improper Turn | 582 | 1.7 |
| Improper Lane Change | 215 | 0.6 |
| Following too Close | 2,106 | 6.1 |
| Improper Backing | 251 | 0.7 |
| Illegal or Improper Parking | 71 | 0.2 |
| Lights Not On | 23 | 0.1 |
| Hit and Run | 556 | 1.6 |
| Avoiding Pedestrian | 41 | 0.1 |
| Avoiding Other Vehicle | 838 | 2.4 |
| No Violation | 14,902 | 43.4 |
| Other | 2,841 | 8.3 |
| **Total** | **34,332** | **100.0** |
| **Not Stated** | **723** | |
| **Grand Total** | **35,055** | |

| Drinking | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 30,442 | 89.6 |
| Drinking-Impaired | 2,040 | 6.0 |
| Drinking-Not Impaired | 624 | 1.8 |
| Drinking-Impairment Unknown | 861 | 2.5 |
| **Total** | **33,967** | **100.0** |
| **Not Stated** | **1,088** | |
| **Grand Total** | **35,055** | |

| Physical | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 32,926 | 97.0 |
| Physical Defect | 188 | 0.6 |
| Ill | 71 | 0.2 |
| Fatigued | 155 | 0.5 |
| Apparently Asleep | 442 | 1.3 |
| Other | 152 | 0.4 |
| **Total** | **33,934** | **100.0** |
| **Not Stated** | **1,121** | |
| **Grand Total** | **35,055** | |

| | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 15 | 8 | 2 | | 10 | 80.0 |
| 15 | 34 | 14 | | 48 | 70.8 |
| 16 | 604 | 144 | | 748 | 80.7 |
| 17 | 772 | 161 | | 933 | 82.7 |
| 18 | 1,009 | 213 | | 1,222 | 82.6 |
| 19 | 1,091 | 167 | | 1,258 | 86.7 |
| 20 | 1,094 | 193 | | 1,287 | 85.0 |
| 21-25 | 5,323 | 1,012 | | 6,335 | 84.0 |
| 26-30 | 4,827 | 793 | | 5,620 | 85.9 |
| 31-35 | 3,623 | 621 | | 4,244 | 85.4 |
| 36-40 | 2,902 | 402 | | 3,304 | 87.8 |
| 41-45 | 2,162 | 311 | | 2,473 | 87.4 |
| 46-50 | 1,597 | 200 | 1 | 1,798 | 88.9 |
| 51-55 | 1,342 | 113 | | 1,455 | 92.2 |
| 56-60 | 1,189 | 85 | | 1,274 | 93.3 |
| 61-65 | 878 | 50 | | 928 | 94.6 |
| 66-70 | 674 | 39 | | 713 | 94.5 |
| Over 70 | 705 | 26 | | 731 | 96.4 |
| Unknown | 19 | 5 | 650 | 674 | |
| **Total** | **29,853** | **4,551** | **651** | **35,055** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 17,489 | 50.1 |
| Turning Right | 1,053 | 3.0 |
| Turning Left | 3,482 | 10.0 |
| Making U-Turn | 128 | 0.4 |
| Slowing-Stopping | 2,076 | 5.9 |
| Ran Off Road | 4,118 | 11.8 |
| Stopped in Traffic | 3,720 | 10.7 |
| Backing | 408 | 1.2 |
| Passing | 426 | 1.2 |
| Changing Lanes | 813 | 2.3 |
| Other | 1,182 | 3.4 |
| **Total** | **34,895** | **100.0** |
| **Not Stated** | **160** | |
| **Grand Total** | **35,055** | |

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 33,395 | 97.7 |
| Lights | 88 | 0.3 |
| Brakes | 204 | 0.6 |
| Steering | 74 | 0.2 |
| Tires | 250 | 0.7 |
| Motor | 46 | 0.1 |
| Other | 135 | 0.4 |
| **Total** | **34,192** | **100.0** |
| **Not Stated** | **863** | |
| **Grand Total** | **35,055** | |

## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 20,104 | 62.1 |
| Cloudy | 5,824 | 18.0 |
| Fog | 326 | 1.0 |
| Mist | 878 | 2.7 |
| Rain | 4,467 | 13.8 |
| Snow | 652 | 2.0 |
| Sleet | 71 | 0.2 |
| Smoke/Dust | 4 | |
| Other | 23 | 0.1 |
| **Total** | **32,349** | **100.0** |
| **Not Stated** | **47** | |
| **Grand Total** | **32,396** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 807 | 2.5 |
| Daylight | 22,126 | 68.4 |
| Dusk | 912 | 2.8 |
| Darkness (road lighted) | 3,640 | 11.3 |
| Darkness (road unlighted) | 4,857 | 15.0 |
| **Total** | **32,342** | **100.0** |
| **Not Stated** | **54** | |
| **Grand Total** | **32,396** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 6,884 | 21.4 |
| Traffic Signals | 5,117 | 15.9 |
| Stop Sign | 3,524 | 10.9 |
| Slow/Warning Sign | 282 | 0.9 |
| Yield Sign | 442 | 1.4 |
| No Passing Zone | 3,342 | 10.4 |
| R.R. Warning Sign | 9 | |
| R.R. Signals | 8 | |
| R.R. Gate and Signals | 11 | |
| Other | 12,569 | 39.0 |
| **Total** | **32,188** | **100.0** |
| **Not Stated** | **208** | |
| **Grand Total** | **32,396** | |

# Virginia Crashes Involving
# Safety Belts/Child Safety Seats

## In 1988 there were:

| | | Restraints | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | No Restraints | Lap Belt | Harness | Lap Belt & Harness | Child Safety Seat | Air Bag | Other | Total | Not Stated | Grand Total |
| Fatalities | 571 | 22 | 16 | 176 | 3 | | 1 | 789 | 55 | 844 |
| Percent | 72.4 | 2.8 | 2.0 | 22.3 | 0.4 | | 0.1 | 100.0 | | |
| Injuries | 20,723 | 6,575 | 4,660 | 35,956 | 517 | 20 | 103 | 68,554 | 2,708 | 71,262 |
| Percent | 30.2 | 9.6 | 6.8 | 52.4 | 0.8 | | 0.2 | 100.0 | | |
| Total | 21,294 | 6,597 | 4,676 | 36,132 | 520 | 20 | 104 | 69,343 | 2,763 | 72,106 |
| Percent | 30.7 | 9.5 | 6.7 | 52.1 | 0.7 | | 0.1 | 100.0 | | |

NOTE: This excludes fatalities and injuries in vehicles not equipped with safety belts, such as motorcycles, mopeds, bicycles and buses.

## Fatalities

| | | Restraints | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | No Restraints | Lap Belt | Harness | Lap Belt & Harness | Child Safety Seat | Air Bag | Other | Total | Not Stated | Grand Total |
| Under 1 | 2 | | | | 1 | | | 3 | 1 | 4 |
| 1 | 1 | | | | 1 | | | 2 | | 2 |
| 2 | 2 | | 1 | | 1 | | | 4 | | 4 |
| 3 | 1 | | | | | | | 1 | | 1 |
| 4 | 3 | 1 | | | | | | 4 | | 4 |
| 5-9 | 5 | 2 | | 2 | | | | 9 | | 9 |
| 10-14 | 6 | | | 1 | | | | 7 | | 7 |
| 15 | 10 | | | 3 | | | | 13 | | 13 |
| 16 | 12 | | | 1 | | | | 13 | 1 | 14 |
| 17 | 29 | | | 5 | | | | 34 | 2 | 36 |
| 18 | 17 | | 1 | 4 | | | | 22 | 5 | 27 |
| 19 | 23 | | | 2 | | | | 25 | 3 | 28 |
| 20 | 31 | 1 | | 5 | | | | 37 | 2 | 39 |
| 21-25 | 110 | 2 | 2 | 32 | | | | 146 | 12 | 158 |
| 26-30 | 66 | 3 | 3 | 11 | | | | 83 | 4 | 87 |
| 31-35 | 54 | 1 | | 12 | | | | 67 | 4 | 71 |
| 36-40 | 30 | 3 | 2 | 15 | | | | 50 | 4 | 54 |
| 41-45 | 42 | 1 | 1 | 10 | | | | 54 | 2 | 56 |
| 46-50 | 24 | 1 | 2 | 11 | | | | 38 | 3 | 41 |
| 51-55 | 11 | 2 | | 8 | | | | 21 | 1 | 22 |
| 56-60 | 19 | | | 8 | | | 1 | 28 | | 28 |
| 61-65 | 21 | 2 | 1 | 10 | | | | 34 | 3 | 37 |
| 66-70 | 12 | 1 | 1 | 9 | | | | 23 | 2 | 25 |
| Over 70 | 36 | 2 | 2 | 26 | | | | 66 | 6 | 72 |
| Unknown | 4 | | | 1 | | | | 5 | | 5 |

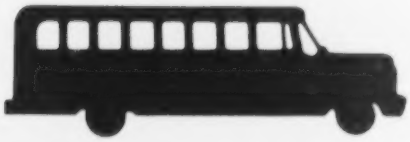
## Injuries

| | | Restraints | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | No Restraints | Lap Belt | Harness | Lap Belt & Harness | Child Safety Seat | Air Bag | Other | Total | Not Stated | Grand Total |
| Under 1 | 62 | 14 | 5 | 11 | 183 | | 2 | 277 | 3 | 280 |
| 1 | 74 | 20 | 3 | 16 | 120 | 1 | 2 | 236 | 2 | 238 |
| 2 | 107 | 49 | 3 | 49 | 104 | | 1 | 313 | 3 | 316 |
| 3 | 111 | 81 | 10 | 56 | 59 | 1 | | 318 | 7 | 325 |
| 4 | 133 | 95 | 11 | 72 | 25 | 1 | | 337 | 10 | 347 |
| 5-9 | 692 | 390 | 51 | 389 | 12 | | 1 | 1,535 | 39 | 1,574 |
| 10-14 | 845 | 334 | 63 | 513 | | 1 | 1 | 1,757 | 55 | 1,812 |
| 15 | 464 | 87 | 41 | 247 | | | 1 | 840 | 22 | 862 |
| 16 | 940 | 213 | 142 | 1,108 | | | 2 | 2,405 | 88 | 2,493 |
| 17 | 1,149 | 243 | 182 | 1,302 | | 2 | 5 | 2,883 | 101 | 2,984 |
| 18 | 1,175 | 208 | 177 | 1,418 | | | 6 | 2,984 | 102 | 3,086 |
| 19 | 1,087 | 245 | 196 | 1,370 | | 1 | 8 | 2,907 | 107 | 3,014 |
| 20 | 931 | 213 | 177 | 1,336 | | 1 | 5 | 2,663 | 98 | 2,761 |
| 21-25 | 3,838 | 926 | 736 | 5,865 | | 2 | 15 | 11,382 | 471 | 11,353 |
| 26-30 | 2,496 | 759 | 628 | 4,910 | | 1 | 14 | 8,808 | 354 | 9,162 |
| 31-35 | 1,724 | 576 | 548 | 3,937 | | 4 | 5 | 6,794 | 283 | 7,077 |
| 36-40 | 1,278 | 462 | 359 | 3,165 | | 2 | 11 | 5,277 | 220 | 5,497 |
| 41-45 | 868 | 331 | 312 | 2,505 | | 1 | 5 | 4,022 | 189 | 4,211 |
| 46-50 | 717 | 313 | 255 | 2,082 | | | 3 | 3,370 | 130 | 3,500 |
| 51-55 | 324 | 172 | 130 | 1,086 | | | 4 | 1,716 | 60 | 1,776 |
| 56-60 | 373 | 194 | 170 | 1,268 | | | | 2,005 | 62 | 2,067 |
| 61-65 | 320 | 176 | 136 | 1,029 | | 2 | 4 | 1,667 | 61 | 1,728 |
| 66-70 | 255 | 147 | 117 | 833 | | | 2 | 1,354 | 60 | 1,414 |
| Over 70 | 441 | 225 | 151 | 1,109 | | | 3 | 1,929 | 77 | 2,006 |
| Unknown | 319 | 102 | 57 | 280 | 14 | | 3 | 775 | 104 | 879 |

## Total Fatalities and Injuries

| | | Restraints | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | No Restraints | Lap Belt | Harness | Lap Belt & Harness | Child Safety Seat | Air Bag | Other | Total | Not Stated | Grand Total |
| Under 1 | 64 | 14 | 5 | 11 | 184 | | 2 | 280 | 4 | 284 |
| 1 | 75 | 20 | 3 | 16 | 121 | 1 | 2 | 238 | 2 | 240 |
| 2 | 109 | 49 | 4 | 49 | 105 | | 1 | 317 | 3 | 320 |
| 3 | 112 | 81 | 10 | 56 | 59 | 1 | | 319 | 7 | 326 |
| 4 | 136 | 96 | 11 | 72 | 25 | 1 | | 341 | 10 | 351 |
| 5-9 | 697 | 392 | 51 | 391 | 12 | | 1 | 1,544 | 39 | 1,583 |
| 10-14 | 851 | 334 | 63 | 514 | | 1 | 1 | 1,764 | 55 | 1,819 |
| 15 | 474 | 87 | 41 | 250 | | | 1 | 853 | 22 | 875 |
| 16 | 952 | 213 | 142 | 1,109 | | | 2 | 2,418 | 89 | 2,507 |
| 17 | 1,178 | 243 | 182 | 1,307 | | 2 | 5 | 2,917 | 103 | 3,020 |
| 18 | 1,192 | 208 | 178 | 1,422 | | | 6 | 3,006 | 107 | 3,113 |
| 19 | 1,110 | 245 | 196 | 1,372 | | 1 | 8 | 2,932 | 110 | 3,042 |
| 20 | 962 | 214 | 177 | 1,341 | | 1 | 5 | 2,700 | 100 | 2,800 |
| 21-25 | 3,948 | 928 | 738 | 5,897 | | 2 | 15 | 11,528 | 483 | 12,011 |
| 26-30 | 2,562 | 762 | 631 | 4,921 | | 1 | 14 | 8,891 | 358 | 9,249 |
| 31-35 | 1,778 | 577 | 548 | 3,949 | | 4 | 5 | 6,861 | 287 | 7,148 |
| 36-40 | 1,308 | 465 | 361 | 3,180 | | 2 | 11 | 5,327 | 224 | 5,551 |
| 41-45 | 910 | 332 | 313 | 2,515 | | 1 | 5 | 4,076 | 191 | 4,267 |
| 46-50 | 741 | 314 | 257 | 2,093 | | | 3 | 3,408 | 133 | 3,541 |
| 51-55 | 335 | 174 | 130 | 1,094 | | | 4 | 1,737 | 61 | 1,798 |
| 56-60 | 392 | 194 | 170 | 1,276 | | | 1 | 2,033 | 62 | 2,095 |
| 61-65 | 341 | 178 | 137 | 1,039 | | 2 | 4 | 1,701 | 64 | 1,765 |
| 66-70 | 267 | 148 | 118 | 842 | | | 2 | 1,377 | 62 | 1,439 |
| Over 70 | 477 | 227 | 153 | 1,135 | | | 3 | 1,995 | 83 | 2,078 |
| Unknown | 323 | 102 | 57 | 281 | 14 | | 3 | 780 | 104 | 884 |

# Virginia Crashes Involving
# School Buses



## In 1988 there were:

- 0 school bus occupants killed
- 425 school bus occupants injured
- 714 school bus crashes
  - 2 fatal crashes
  - 227 personal injury crashes
  - 485 property damage crashes
- 14,351 school buses were registered in Virginia with 5.0 percent involved in crashes
  - 0 persons were killed getting on or off of school buses
  - 0 persons were injured getting on or off of school buses

NOTE: Data after 1987 not comparable to previous years due to changes in counting procedures.

## The Driver

| | Drivers | Percent |
|---|---|---|
| **Driver Action** | | |
| Ran Traffic Control | 10 | 1.4 |
| Improper Passing | 8 | 1.1 |
| Left of Center—Not Passing | 19 | 2.7 |
| Failure to Yield | 67 | 9.6 |
| Inattention | 57 | 8.1 |
| Speed too Fast | 12 | 1.7 |
| Improper Turn | 28 | 4.0 |
| Improper Lane Change | 4 | 0.6 |
| Following too Close | 13 | 1.9 |
| Improper Backing | 35 | 5.0 |
| Illegal or Improper Parking | | |
| Lights Not On | | |
| Hit and Run | 3 | 0.4 |
| Avoiding Pedestrian | 1 | 0.1 |
| Avoiding Other Vehicle | 11 | 1.6 |
| No Violation | 390 | 55.7 |
| Other | 42 | 6.0 |
| **Total** | **700** | **100.0** |
| **Not Stated** | **24** | |
| **Grand Total** | **724** | |

| Drinking | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 710 | 99.9 |
| Drinking-Impaired | 1 | 0.1 |
| Drinking-Not Impaired | | |
| Drinking-Impairment Unknown | | |
| **Total** | **711** | **100.0** |
| **Not Stated** | **13** | |
| **Grand Total** | **724** | |

| Physical | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 709 | 99.6 |
| Physical Defect | 2 | 0.3 |
| Ill | 1 | 0.1 |
| Fatigued | | |
| Apparently Asleep | | |
| Other | | |
| **Total** | **712** | **100.0** |
| **Not Stated** | **12** | |
| **Grand Total** | **724** | |

| | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 15 | | | | | |
| 15 | 1 | | | 1 | 100.0 |
| 16 | | | | | |
| 17 | | | | | |
| 18 | | | | | |
| 19 | 2 | 3 | | 5 | 40.0 |
| 20 | 3 | 3 | | 6 | 50.0 |
| 21-25 | 19 | 53 | | 72 | 26.4 |
| 26-30 | 23 | 83 | | 106 | 21.7 |
| 31-35 | 25 | 72 | | 97 | 25.8 |
| 36-40 | 18 | 72 | | 90 | 20.0 |
| 41-45 | 14 | 89 | | 103 | 13.6 |
| 46-50 | 16 | 58 | | 74 | 21.6 |
| 51-55 | 19 | 44 | | 63 | 30.2 |
| 56-60 | 25 | 27 | | 52 | 48.1 |
| 61-65 | 22 | 12 | | 34 | 64.7 |
| 66-70 | 11 | 4 | | 15 | 73.3 |
| Over 70 | | | | | |
| Unknown | | | 6 | 6 | |
| **Total** | **198** | **520** | **6** | **724** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 333 | 46.1 |
| Turning Right | 52 | 7.2 |
| Turning Left | 70 | 9.7 |
| Making U-Turn | 2 | 0.3 |
| Slowing-Stopping | 30 | 4.2 |
| Ran Off Road | 30 | 4.2 |
| Stopped in Traffic | 119 | 16.5 |
| Backing | 42 | 5.8 |
| Passing | 5 | 0.7 |
| Changing Lanes | 17 | 2.4 |
| Other | 22 | 3.0 |
| **Total** | **722** | **100.0** |
| **Not Stated** | **2** | |
| **Grand Total** | **724** | |

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 700 | 97.8 |
| Lights | 2 | 0.3 |
| Brakes | 8 | 1.1 |
| Steering | 1 | 0.1 |
| Tires | | |
| Motor | 3 | 0.4 |
| Other | 2 | 0.3 |
| **Total** | **716** | **100.0** |
| **Not Stated** | **8** | |
| **Grand Total** | **724** | |

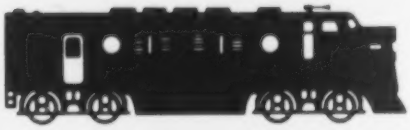
## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 442 | 62.0 |
| Cloudy | 137 | 19.2 |
| Fog | 6 | 0.8 |
| Mist | 21 | 2.9 |
| Rain | 88 | 12.3 |
| Snow | 19 | 2.7 |
| Sleet | | |
| Smoke/Dust | | |
| Other | | |
| **Total** | **713** | **100.0** |
| **Not Stated** | **1** | |
| **Grand Total** | **714** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 16 | 2.2 |
| Daylight | 666 | 93.4 |
| Dusk | 8 | 1.1 |
| Darkness (road lighted) | 10 | 1.4 |
| Darkness (road unlighted) | 13 | 1.8 |
| **Total** | **713** | **100.0** |
| **Not Stated** | **1** | |
| **Grand Total** | **714** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 214 | 30.2 |
| Traffic Signals | 92 | 13.0 |
| Stop Sign | 131 | 18.5 |
| Slow/Warning Sign | 7 | 1.0 |
| Yield Sign | 10 | 1.4 |
| No Passing Zone | 52 | 7.3 |
| R.R. Warning Sign | 2 | 0.3 |
| R.R. Signals | | |
| R.R. Gate and Signals | | |
| Other | 201 | 28.3 |
| **Total** | **709** | **100.0** |
| **Not Stated** | **5** | |
| **Grand Total** | **714** | |

# Virginia Crashes Involving
# **Trains/Vehicles**



## In 1988 there were:

- 7 persons killed in train/vehicle crashes
- 46 persons injured in train/vehicle crashes
- 91 train/vehicle crashes
  - 6 fatal crashes
  - 39 personal injury crashes
  - 46 property damage crashes

NOTE: Bicycles, mopeds, and pedestrians are included only when a motor vehicle is involved.

## The Driver

| | Drivers | Percent |
|---|---|---|
| **Driver Action** | | |
| Ran Traffic Control | 9 | 9.9 |
| Improper Passing | | |
| Left of Center— | | |
| Not Passing | 1 | 1.1 |
| Failure to Yield | 12 | 13.2 |
| Inattention | 29 | 31.9 |
| Speed too Fast | 2 | 2.2 |
| Improper Turn | | |
| Improper Lane Change | | |
| Following too Close | | |
| Improper Backing | | |
| Illegal or | | |
| Improper Parking | | |
| Lights Not On | | |
| Hit and Run | 2 | 2.2 |
| Avoiding Pedestrian | | |
| Avoiding Other Vehicle | | |
| No Violation | 14 | 15.4 |
| Other | 22 | 24.2 |
| **Total** | **91** | **100.0** |
| **Not Stated** | **1** | |
| **Grand Total** | **92** | |

| Drinking | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 66 | 76.7 |
| Drinking-Impaired | 8 | 9.3 |
| Drinking-Not Impaired | 6 | 7.0 |
| Drinking-Impairment Unknown | 6 | 7.0 |
| **Total** | **86** | **100.0** |
| **Not Stated** | **6** | |
| **Grand Total** | **92** | |

| Physical | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 81 | 95.3 |
| Physical Defect | 3 | 3.5 |
| Ill | | |
| Fatigued | | |
| Apparently Asleep | | |
| Other | 1 | 1.2 |
| **Total** | **85** | **100.0** |
| **Not Stated** | **7** | |
| **Grand Total** | **92** | |

| | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 15 | | | | | |
| 15 | | | | | |
| 16 | 1 | 1 | | 2 | 50.0 |
| 17 | 3 | | | 3 | 100.0 |
| 18 | 3 | | | 3 | 100.0 |
| 19 | 2 | 1 | | 3 | 66.7 |
| 20 | 1 | 1 | | 2 | 50.0 |
| 21-25 | 13 | 3 | | 16 | 81.3 |
| 26-30 | 6 | 5 | | 11 | 54.5 |
| 31-35 | 8 | 1 | | 9 | 88.9 |
| 36-40 | 9 | 3 | | 12 | 75.0 |
| 41-45 | 5 | 1 | | 6 | 83.3 |
| 46-50 | 2 | 1 | | 3 | 66.7 |
| 51-55 | 2 | 1 | | 3 | 66.7 |
| 56-60 | 5 | 0 | | 5 | 100.0 |
| 61-65 | 1 | 1 | | 2 | 50.0 |
| 66-70 | 3 | | | 3 | 100.0 |
| Over 70 | 4 | 1 | | 5 | 80.0 |
| Unknown | | | 4 | 4 | |
| **Total** | **68** | **20** | **4** | **92** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 72 | 78.3 |
| Turning Right | 2 | 2.2 |
| Turning Left | | |
| Making U-Turn | | |
| Slowing-Stopping | 1 | 1.1 |
| Ran Off Road | 4 | 4.3 |
| Stopped in Traffic | 10 | 10.9 |
| Backing | | |
| Passing | 1 | 1.1 |
| Changing Lanes | | |
| Other | 2 | 2.2 |
| **Total** | **92** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **92** | |

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 80 | 89.9 |
| Light | | |
| Brakes | 4 | 4.5 |
| Steering | | |
| Tires | 1 | 1.1 |
| Motor | 2 | 2.2 |
| Other | 2 | 2.2 |
| **Total** | **89** | **100.0** |
| **Not Stated** | **3** | |
| **Grand Total** | **92** | |

## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 67 | 73.6 |
| Cloudy | 16 | 17.6 |
| Fog | | |
| Mist | | |
| Rain | 8 | 8.8 |
| Snow | | |
| Sleet | | |
| Smoke/Dust | | |
| Other | | |
| **Total** | **91** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **91** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 1 | 1.1 |
| Daylight | 43 | 47.3 |
| Dusk | | |
| Darkness (road lighted) | 29 | 31.9 |
| Darkness (road unlighted) | 18 | 19.8 |
| **Total** | **91** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **91** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 4 | 4.4 |
| Traffic Signals | 3 | 3.3 |
| Stop Sign | 1 | 1.1 |
| Slow/Warning Sign | | |
| Yield Sign | | |
| No Passing Zone | | |
| R.R. Warning Sign | 30 | 33.0 |
| R.R. Signals | 26 | 28.6 |
| R.R. Gate and Signals | 21 | 23.1 |
| Other | 6 | 6.6 |
| **Total** | **91** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **91** | |

# Virginia Crashes Involving
# Straight Trucks

## In 1988 there were:

- 15 straight truck occupants killed
- 1,551 straight truck occupants injured
- 9,717 straight truck crashes
  - 56 fatal crashes
  - 3,173 personal injury crashes
  - 6,488 property damage crashes
- 63 persons were killed in straight truck crashes, 48 (76.1 percent) were not straight truck occupants.
- 141,823 straight trucks were registered in Virginia with 6.9 percent involved in crashes.

NOTE: The category of straight trucks includes: straight, flat bed, dump, and tractor (w/o trailer) trucks and wreckers.

## The Driver

| | Drivers | Percent |
|---|---|---|
| **Driver Action** | | |
| Ran Traffic Control | 236 | 2.4 |
| Improper Passing | 92 | 0.9 |
| Left of Center—Not Passing | 155 | 1.6 |
| Failure to Yield | 777 | 7.8 |
| Inattention | 1,145 | 11.5 |
| Speed too Fast | 358 | 3.6 |
| Improper Turn | 350 | 3.5 |
| Improper Lane Change | 153 | 1.5 |
| Following too Close | 666 | 6.7 |
| Improper Backing | 316 | 3.2 |
| Illegal or Improper Parking | 34 | 0.3 |
| Lights Not On | 5 | 0.1 |
| Hit and Run | 123 | 1.2 |
| Avoiding Pedestrian | 9 | 0.1 |
| Avoiding Other Vehicle | 314 | 3.2 |
| No Violation | 4,067 | 40.8 |
| Other | 1,158 | 11.6 |
| **Total** | **9,958** | **100.0** |
| **Not Stated** | **235** | |
| **Grand Total** | **10,193** | |

| Drinking | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 9,530 | 96.4 |
| Drinking-Impaired | 213 | 2.2 |
| Drinking-Not Impaired | 64 | 0.6 |
| Drinking-Impairment Unknown | 83 | 0.8 |
| **Total** | **9,890** | **100.0** |
| **Not Stated** | **303** | |
| **Grand Total** | **10,193** | |

| Physical | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 9,721 | 98.6 |
| Physical Defect | 40 | 0.4 |
| Ill | 6 | 0.1 |
| Fatigued | 22 | 0.2 |
| Apparently Asleep | 46 | 0.5 |
| Other | 27 | 0.3 |
| **Total** | **9,862** | **100.0** |
| **Not Stated** | **331** | |
| **Grand Total** | **10,193** | |

| | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 15 | | | | | |
| 15 | 2 | 1 | | 3 | 66.7 |
| 16 | 53 | 10 | | 63 | 84.1 |
| 17 | 79 | 19 | | 98 | 80.6 |
| 18 | 148 | 25 | | 173 | 85.5 |
| 19 | 249 | 26 | | 275 | 90.5 |
| 20 | 265 | 19 | | 284 | 93.3 |
| 21-25 | 1,849 | 133 | 2 | 1,984 | 93.3 |
| 26-30 | 1,817 | 131 | | 1,948 | 93.3 |
| 31-35 | 1,360 | 84 | 2 | 1,446 | 94.2 |
| 36-40 | 999 | 63 | | 1,062 | 94.1 |
| 41-45 | 743 | 36 | | 779 | 95.4 |
| 46-50 | 559 | 29 | | 588 | 95.1 |
| 51-55 | 446 | 19 | | 465 | 95.9 |
| 56-60 | 366 | 8 | | 374 | 97.9 |
| 61-65 | 258 | 7 | | 265 | 97.4 |
| 66-70 | 104 | 4 | | 108 | 96.3 |
| Over 70 | 76 | 1 | | 77 | 98.7 |
| Unknown | 14 | | 187 | 201 | |
| **Total** | **9,387** | **615** | **191** | **10,193** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 5,058 | 49.9 |
| Turning Right | 578 | 5.7 |
| Turning Left | 976 | 9.6 |
| Making U-Turn | 57 | 0.6 |
| Slowing-Stopping | 662 | 6.5 |
| Ran Off Road | 631 | 6.2 |
| Stopped in Traffic | 868 | 8.6 |
| Backing | 404 | 4.0 |
| Passing | 91 | 0.9 |
| Changing Lanes | 410 | 4.0 |
| Other | 410 | 4.0 |
| **Total** | **10,145** | **100.0** |
| **Not Stated** | **48** | |
| **Grand Total** | **10,193** | |

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 9,206 | 92.8 |
| Lights | 59 | 0.6 |
| Brakes | 365 | 3.7 |
| Steering | 35 | 0.4 |
| Tires | 93 | 0.9 |
| Motor | 32 | 0.3 |
| Other | 128 | 1.3 |
| **Total** | **9,918** | **100.0** |
| **Not Stated** | **275** | |
| **Grand Total** | **10,193** | |

## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 6,426 | 66.2 |
| Cloudy | 1,749 | 18.0 |
| Fog | 50 | 0.5 |
| Mist | 175 | 1.8 |
| Rain | 1,129 | 11.6 |
| Snow | 153 | 1.6 |
| Sleet | 8 | 0.1 |
| Smoke/Dust | 2 | |
| Other | 15 | 0.2 |
| **Total** | **9,707** | **100.0** |
| **Not Stated** | **10** | |
| **Grand Total** | **9,717** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 196 | 2.0 |
| Daylight | 8,028 | 82.7 |
| Dusk | 177 | 1.8 |
| Darkness (road lighted) | 717 | 7.4 |
| Darkness (road unlighted) | 588 | 6.1 |
| **Total** | **9,706** | **100.0** |
| **Not Stated** | **11** | |
| **Grand Total** | **9,717** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 1,708 | 17.7 |
| Traffic Signals | 1,938 | 20.1 |
| Stop Sign | 965 | 10.0 |
| Slow/Warning Sign | 112 | 1.2 |
| Yield Sign | 137 | 1.4 |
| No Passing Zone | 648 | 6.7 |
| R.R. Warning Sign | 5 | 0.1 |
| R.R. Signals | 5 | 0.1 |
| R.R. Gate and Signals | 7 | 0.1 |
| Other | 4,120 | 42.7 |
| **Total** | **9,645** | **100.0** |
| **Not Stated** | **72** | |
| **Grand Total** | **9,717** | |

# Virginia Crashes Involving
# Tractor-Trailers

## In 1988 there were:

- 14 tractor-trailer occupants killed
- 510 tractor-trailer occupants injured
- 3,864 tractor-trailer crashes
  - 83 fatal crashes
  - 1,313 personal injury crashes
  - 2,468 property damage crashes
- 100 persons were killed in tractor-trailer crashes. 86 (86 percent) were not tractor-trailer occupants
- 82,207 tractor-trailers were registered in Virginia with 4.7 percent involved in crashes

## The Driver

| | Drivers | Percent |
|---|---|---|
| **Driver Action** | | |
| Ran Traffic Control | 40 | 1.0 |
| Improper Passing | 63 | 1.6 |
| Left of Center—Not Passing | 71 | 1.8 |
| Failure to Yield | 158 | 4.0 |
| Inattention | 585 | 14.8 |
| Speed too Fast | 271 | 6.8 |
| Improper Turn | 227 | 5.7 |
| Improper Lane Change | 259 | 6.5 |
| Following too Close | 181 | 4.6 |
| Improper Backing | 88 | 2.2 |
| Illegal or Improper Parking | 23 | 0.6 |
| Lights Not On | 3 | 0.1 |
| Hit and Run | 82 | 2.1 |
| Avoiding Pedestrian | 2 | 0.1 |
| Avoiding Other Vehicle | 137 | 3.5 |
| No Violation | 1,449 | 36.6 |
| Other | 322 | 8.1 |
| **Total** | **3,961** | **100.0** |
| **Not Stated** | **54** | |
| **Grand Total** | **4,015** | |

| Drinking | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 3,791 | 98.7 |
| Drinking-Impaired | 25 | 0.7 |
| Drinking-Not Impaired | 15 | 0.4 |
| Drinking-Impairment Unknown | 9 | 0.2 |
| **Total** | **3,840** | **100.0** |
| **Not Stated** | **175** | |
| **Grand Total** | **4,015** | |

| Physical | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 3,738 | 97.4 |
| Physical Defect | 6 | 0.2 |
| Ill | 4 | 0.1 |
| Fatigued | 20 | 0.5 |
| Apparently Asleep | 67 | 1.7 |
| Other | 4 | 0.1 |
| **Total** | **3,839** | **100.0** |
| **Not Stated** | **176** | |
| **Grand Total** | **4,015** | |

| | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 15 | | | | | |
| 15 | | | | | |
| 16 | | | | | |
| 17 | 3 | | | 3 | 100.0 |
| 18 | 12 | | | 12 | 100.0 |
| 19 | 7 | | | 7 | 100.0 |
| 20 | 18 | | 1 | 19 | 100.0 |
| 21-25 | 453 | 7 | | 460 | 98.5 |
| 26-30 | 628 | 13 | | 641 | 98.0 |
| 31-35 | 649 | 11 | | 660 | 98.3 |
| 36-40 | 599 | 9 | | 608 | 98.5 |
| 41-45 | 465 | 5 | | 470 | 98.9 |
| 46-50 | 394 | 6 | | 400 | 98.5 |
| 51-55 | 268 | 1 | | 269 | 99.6 |
| 56-60 | 199 | 1 | | 200 | 99.5 |
| 61-65 | 84 | | | 84 | 100.0 |
| 66-70 | 19 | | | 19 | 100.0 |
| Over 70 | 4 | | | 4 | 100.0 |
| Unknown | 6 | | 153 | 159 | |
| **Total** | **3,808** | **53** | **154** | **4,015** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 1,719 | 42.9 |
| Turning Right | 296 | 7.4 |
| Turning Left | 227 | 5.7 |
| Making U-Turn | 25 | 0.6 |
| Slowing-Stopping | 186 | 4.6 |
| Ran Off Road | 447 | 11.2 |
| Stopped in Traffic | 188 | 4.7 |
| Backing | 120 | 3.0 |
| Passing | 106 | 2.6 |
| Changing Lanes | 562 | 14.0 |
| Other | 127 | 3.2 |
| **Total** | **4,003** | **100.0** |
| **Not Stated** | **12** | |
| **Grand Total** | **4,015** | |

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 3,620 | 94.1 |
| Lights | 16 | 0.4 |
| Brakes | 101 | 2.6 |
| Steering | 15 | 0.4 |
| Tires | 34 | 0.9 |
| Motor | 5 | 0.1 |
| Other | 54 | 1.4 |
| **Total** | **3,845** | **100.0** |
| **Not Stated** | **170** | |
| **Grand Total** | **4,015** | |

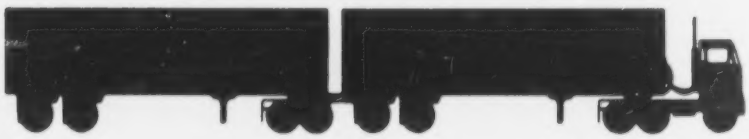
## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 2,543 | 65.8 |
| Cloudy | 713 | 18.5 |
| Fog | 43 | 1.1 |
| Mist | 56 | 1.4 |
| Rain | 426 | 11.0 |
| Snow | 70 | 1.8 |
| Sleet | 6 | 0.2 |
| Smoke/Dust | | |
| Other | 6 | 0.2 |
| **Total** | **3,863** | **100.0** |
| **Not Stated** | **1** | |
| **Grand Total** | **3,864** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 79 | 2.0 |
| Daylight | 2,764 | 71.6 |
| Dusk | 64 | 1.7 |
| Darkness (road lighted) | 205 | 5.3 |
| Darkness (road unlighted) | 751 | 19.4 |
| **Total** | **3,863** | **100.0** |
| **Not Stated** | **1** | |
| **Grand Total** | **3,864** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 353 | 9.2 |
| Traffic Signals | 456 | 11.8 |
| Stop Sign | 199 | 5.2 |
| Slow/Warning Sign | 53 | 1.4 |
| Yield Sign | 31 | 0.8 |
| No Passing Zone | 339 | 8.8 |
| R.R. Warning Sign | 5 | 0.1 |
| R.R. Signals | 3 | 0.1 |
| R.R. Gate and Signals | 5 | 0.1 |
| Other | 2,410 | 62.5 |
| **Total** | **3,854** | **100.0** |
| **Not Stated** | **10** | |
| **Grand Total** | **3,864** | |

# Virginia Crashes Involving
# Tractor-Twin Trailers



## In 1988 there were:

- 0 tractor-twin-trailer occupants killed
- 4 tractor-twin-trailer occupants injured
- 20 tractor-twin-trailer crashes
  - 1 fatal crash
  - 6 personal injury crashes
  - 13 property damage crashes
- 1 person, a non-tractor-twin trailer occupant, was killed in a tractor-twin-trailer crash.

## The Driver

| | Drivers | Percent |
|---|---|---|
| **Driver Action** | | |
| Ran Traffic Control | | |
| Improper Passing | | |
| Left of Center—Not Passing | | |
| Failure to Yield | 1 | 5.0 |
| Inattention | 5 | 25.0 |
| Speed too Fast | 1 | 5.0 |
| Improper Turn | | |
| Improper Lane Change | | |
| Following too Close | | |
| Improper Backing | | |
| Illegal or Improper Parking | | |
| Lights Not On | | |
| Hit and Run | | |
| Avoiding Pedestrian | | |
| Avoiding Other Vehicle | | |
| No Violation | 11 | 55.0 |
| Other | 2 | 10.0 |
| **Total** | **20** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **20** | |

| Drinking | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 20 | 100.0 |
| Drinking-Impaired | | |
| Drinking-Not Impaired | | |
| Drinking-Impairment Unknown | | |
| **Total** | **20** | **100.00** |
| **Not Stated** | | |
| **Grand Total** | **20** | |

| Physical | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 18 | 90.0 |
| Physical Defect | | |
| Ill | | |
| Fatigued | | |
| Apparently Asleep | 2 | 10.0 |
| Other | | |
| **Total** | **20** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **20** | |

| | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 15 | | | | | |
| 15 | | | | | |
| 16 | | | | | |
| 17 | | | | | |
| 18 | | | | | |
| 19 | | | | | |
| 20 | | | | | |
| 21-25 | 1 | 1 | | 2 | 50.0 |
| 26-30 | 1 | | | 1 | 100.0 |
| 31-35 | 3 | 1 | | 4 | 75.0 |
| 36-40 | 2 | | | 2 | 100.0 |
| 41-45 | 2 | 1 | | 3 | 66.7 |
| 46-50 | 3 | | | 3 | 100.0 |
| 51-55 | 3 | | | 3 | 100.0 |
| 56-60 | 2 | | | 2 | 100.0 |
| 61-65 | | | | | |
| 66-70 | | | | | |
| Over 70 | | | | | |
| Unknown | | | | | |
| **Total** | **17** | **3** | | **20** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 10 | 50.0 |
| Turning Right | 2 | 10.0 |
| Turning Left | 1 | 5.0 |
| Making U-Turn | | |
| Slowing-Stopping | | |
| Ran Off Road | 4 | 20.0 |
| Stopped in Traffic | 1 | 5.0 |
| Backing | | |
| Passing | | |
| Changing Lanes | 2 | 10.0 |
| Other | | |
| **Total** | **20** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **20** | |

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 17 | 89.5 |
| Lights | | |
| Brakes | | |
| Steering | | |
| Tires | | |
| Motor | | |
| Other | 2 | 10.5 |
| **Total** | **19** | **100.0** |
| **Not Stated** | **1** | |
| **Grand Total** | **20** | |

## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 10 | 50.0 |
| Cloudy | 5 | 25.0 |
| Fog | | |
| Mist | 1 | 5.0 |
| Rain | 4 | 20.0 |
| Snow | | |
| Sleet | | |
| Smoke/Dust | | |
| Other | | |
| **Total** | **20** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **20** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 1 | 5.0 |
| Daylight | 9 | 45.0 |
| Dusk | 1 | 5.0 |
| Darkness (road lighted) | 2 | 10.0 |
| Darkness (road unlighted) | 7 | 35.0 |
| **Total** | **20** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **20** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 1 | 5.0 |
| Traffic Signals | 3 | 15.0 |
| Stop Sign | 2 | 10.0 |
| Slow/Warning Sign | | |
| Yield Sign | | |
| No Passing Zone | 1 | 5.0 |
| R.R Warning Sign | | |
| R.R. Signals | | |
| R.R. Gate and Signals | | |
| Other | 13 | 65.0 |
| **Total** | **20** | **100.0** |
| **Not Stated** | | |
| **Grand Total** | **20** | |

# Virginia Crashes Involving **Vans**

## In 1988 there were:

- 27 van occupants killed
- 2,262 van occupants injured
- 8,927 van crashes
  - 55 fatal crashes
  - 3,148 personal injury crashes
  - 5,724 property damage crashes
- 181,452 vans were registered in Virginia with 4.9 percent involved in crashes

## The Driver

| | Drivers | Percent |
|---|---|---|
| **Driver Action** | | |
| Ran Traffic Control | 269 | 3.0 |
| Improper Passing | 83 | 0.9 |
| Left of Center—Not Passing | 88 | 1.0 |
| Failure to Yield | 911 | 10.2 |
| Inattention | 963 | 10.8 |
| Speed too Fast | 342 | 3.8 |
| Improper Turn | 220 | 2.5 |
| Improper Lane Change | 107 | 1.2 |
| Following too Close | 556 | 6.2 |
| Improper Backing | 117 | 1.3 |
| Illegal or Improper Parking | 26 | 0.3 |
| Lights Not On | 3 | |
| Hit and Run | 139 | 1.6 |
| Avoiding Pedestrian | 7 | 0.1 |
| Avoiding Other Vehicle | 191 | 2.1 |
| No Violation | 4,219 | 47.2 |
| Other | 692 | 7.7 |
| **Total** | **8,933** | **100.0** |
| **Not Stated** | **230** | |
| **Grand Total** | **9,163** | |

| Drinking | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 8,391 | 94.4 |
| Drinking-Impaired | 291 | 3.3 |
| Drinking-Not Impaired | 93 | 1.0 |
| Drinking-Impairment Unknown | 115 | 1.3 |
| **Total** | **8,890** | **100.00** |
| **Not Stated** | **273** | |
| **Grand Total** | **9,163** | |

| Physical | Drivers | Percent |
|---|---|---|
| **Driver Condition** | | |
| Not Impaired | 8,687 | 97.9 |
| Physical Defect | 47 | 0.5 |
| Ill | 15 | 0.2 |
| Fatigued | 19 | 0.2 |
| Apparently Asleep | 55 | 0.6 |
| Other | 51 | 0.6 |
| **Total** | **8,874** | **100.0** |
| **Not Stated** | **289** | |
| **Grand Total** | **9,163** | |

| | Male | Female | Not Stated | Total | Percent of Males |
|---|---|---|---|---|---|
| **Age** | | | | | |
| Under 15 | 3 | 3 | | 6 | 50.0 |
| 15 | 8 | 5 | | 13 | 61.5 |
| 16 | 79 | 33 | | 112 | 70.5 |
| 17 | 111 | 31 | | 142 | 78.2 |
| 18 | 109 | 22 | | 131 | 83.2 |
| 19 | 151 | 21 | | 172 | 87.8 |
| 20 | 139 | 23 | | 162 | 85.8 |
| 21-25 | 921 | 175 | | 1,096 | 84.0 |
| 26-30 | 1,109 | 322 | | 1,431 | 77.5 |
| 31-35 | 1,044 | 407 | | 1,451 | 72.0 |
| 36-40 | 917 | 467 | | 1,384 | 66.3 |
| 41-45 | 680 | 293 | | 973 | 69.9 |
| 46-50 | 458 | 144 | | 602 | 76.1 |
| 51-55 | 346 | 73 | | 419 | 82.6 |
| 56-60 | 317 | 44 | | 361 | 87.8 |
| 61-65 | 212 | 45 | | 257 | 82.5 |
| 66-70 | 143 | 15 | | 158 | 90.5 |
| Over 70 | 92 | 12 | | 104 | 88.5 |
| Unknown | 11 | | 178 | 189 | |
| **Total** | **6,850** | **2,135** | **178** | **9,163** | |

## The Vehicle

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Action** | | |
| Going Straight | 4,563 | 50.1 |
| Turning Right | 316 | 3.5 |
| Turning Left | 1,019 | 11.2 |
| Making U Turn | 49 | 0.5 |
| Slowing-Stopping | 589 | 6.5 |
| Ran Off Road | 552 | 6.1 |
| Stopped in Traffic | 1,099 | 12.1 |
| Backing | 174 | 1.9 |
| Passing | 90 | 1.0 |
| Changing Lanes | 369 | 4.0 |
| Other | 293 | 3.2 |
| **Total** | **9,113** | **100.0** |
| **Not Stated** | **50** | |
| **Grand Total** | **9,163** | |

| | Vehicles | Percent |
|---|---|---|
| **Vehicle Defect** | | |
| No Defect | 8,701 | 97.5 |
| Lights | 19 | 0.2 |
| Brakes | 59 | 0.7 |
| Steering | 15 | 0.2 |
| Tires | 65 | 0.7 |
| Motor | 27 | 0.3 |
| Other | 35 | 0.4 |
| **Total** | **8,921** | **100.0** |
| **Not Stated** | **242** | |
| **Grand Total** | **9,163** | |

## The Environment

| | Crashes | Percent |
|---|---|---|
| **Weather** | | |
| Clear | 5,721 | 64.2 |
| Cloudy | 1,495 | 16.8 |
| Fog | 47 | 0.5 |
| Mist | 186 | 2.1 |
| Rain | 1,306 | 14.7 |
| Snow | 135 | 1.5 |
| Sleet | 16 | 0.2 |
| Smoke/Dust | | |
| Other | 4 | |
| **Total** | **8,910** | **100.0** |
| **Not Stated** | **17** | |
| **Grand Total** | **8,927** | |

| | Crashes | Percent |
|---|---|---|
| **Light** | | |
| Dawn | 175 | 2.0 |
| Daylight | 6,699 | 75.2 |
| Dusk | 238 | 2.7 |
| Darkness (road lighted) | 986 | 11.1 |
| Darkness (road unlighted) | 813 | 9.1 |
| **Total** | **8,911** | **100.0** |
| **Not Stated** | **16** | |
| **Grand Total** | **8,927** | |

| | Crashes | Percent |
|---|---|---|
| **Traffic Controls** | | |
| No Controls | 1,382 | 15.6 |
| Traffic Signals | 1,859 | 21.0 |
| Stop Sign | 1,046 | 11.8 |
| Slow/Warning Sign | 57 | 0.6 |
| Yield Sign | 123 | 1.4 |
| No Passing Zone | 506 | 5.7 |
| R.R. Warning Sign | 5 | 0.1 |
| R.R. Signals | 2 | |
| R.R. Gate and Signals | 1 | |
| Other | 3,888 | 43.8 |
| **Total** | **8,869** | **100.0** |
| **Not Stated** | **58** | |
| **Grand Total** | **8,927** | |

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